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TECHNICAL MANUAL

FITTING OF ARMY UNIFORMS

AND FOOTWEAR

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HEADQUARTERS, DEPARTMENT OF THE ARMY
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CHANGE
NO. 1

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, DC *8 August 1985*

Fitting of Army Uniforms AND FOOTWEAR

EFFECTIVE

This change disseminates the approved fitting procedures for the Men's Battledress Uniform, Women's Battledress Uniform and the Women's Army Green Classic Uniform.

TM 10–227, 1 November 1981, is changed as follows:

1. Remove old pages and insert new pages as indicated below. New or changed material is indicated by a vertical bar in the margin of the page. Added or revised illustrations are indicated by a vertical bar adjacent to the identification number. A new chapter or section added the vertical bar is opposite the title.

Remove Pages	*Insert Pages*
i through iii	i through iii/(iv blank)
3–1 and 3–2	3–1 and 3–2
None	3–6.1 and 3–6.2
3–11 and 3–12	3–11 and 3–12
3–31/(3–32 blank)	3–31 through 3–38
4–7 and 4–8	4–7 and 4–8
None	4–8.1 through 4–8.4
4–31/4–32 blank)	4–31 through 4–46
None	C–1 and C–2

2. File this change in the front of the publication for reference purposes.

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NO. 10–227

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, DC *1 November 1981*

FITTING OF ARMY UNIFORMS AND FOOTWEAR

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CHAPTER 1

INTRODUCTION

1-1 Purpose and Scope. To provide a guide for Commanders and personnel engaged in the fitting of uniforms and footwear for both male and female soldiers.

1-2 Reporting of Errors, Omissions and Recommendations. The reporting of errors omissions and recommendations for improving this manual is encouraged. Reports should be submitted on DA Form 2028, Recommended Changes to Publications and Blank Forms. Forward completed DA 2028 to Commander, US Army Support Activity, ATTN: ST-SAP+S, 2800 South 20th Street, Philadelphia, PA 19101. Reasons should be provided on each comment to insure complete understanding of the recommendation for proper evaluation.

1-3 Responsibilities. Commanders, at all levels, are responsible for insuring that all personnel in their command have properly fitted uniforms and footwear.

1-4 Definitions. *a. Body Measurement.* An individual's physical dimensions measured over the underclothing usually worn.

b. Drop. The difference between an individual's chest and waist measurements. The normal drop ranges from four to seven inches.

c. Model. Model refers to the length of the garment. Ordinarily, five separate lengths (models) are established: extra short (XS), short (S), regular (R), long (L) and extra long (XL).

d. Sizing Systems. Clothing items are supplied in sizes according to importance of fit.

(1) *Adjective Size.* When an exact fit is not critical, the item is supplied in five or six sizes, with each size fitting a certain range of body measurements. For example, a size large undershirt will fit individuals with chest measurements ranging from 42 to 44 inches.

(2) *Numeric size.* When an exact fit is critical, items are supplied in many sizes; one size for each inch of body measurement. Uniform coats are available in 70 separate sizes. An example of numerical sizing is 40 extra short, 40 short, 40 regular, 40 long and 40 extra long.

e. Special Measurement Sizes. Special measurement clothing and footwear is provided to personnel who cannot be properly fitted through alterations to standard tariff sizes. Special measurement sizes may include tariff sizes which must be altered radically to compensate for an individual's physical measurement.

f. Subgarments. Items of clothing that are worn under the garment being fitted.

g. Tariff Sizes. Tariff refers to the worldwide frequency of issue of each size within the total size range of a particular clothing or footwear item. It is used to justify procurement for stockage within the supply system.

1-5 International Rationalization, Standardization, Inteeroperability (RSI) Program. "Provisions of this publication are the subject of an international standardization agreement, STANAG 2335. When amendment, revision, or cancellation of this publication is proposed affecting or violating the agreement concerned, the preparing activity will take proper action through international standardization channels." A copy of STANAG 2335 is included as appendix A.

CHAPTER 2

GENERAL FITTING PROCEDURES

2-1 Approved Concept of Fit. The approved concept of fit for uniforms and individual garments pertains to the Army concept of proper appearance when an individual is fitted according to correct size and measurements.

2-2 Fitting Procedures. *a. Physical Measurements.* Measure and record the basic body measurements of each individual (fig). 2-1 & 2-2) to determine the initial size for selection of the try-on garment. Each measurement must be taken over the appropriate subgarment to insure a proper fit.

b. Initial Selection for Try-on. Using results of the physical measurements, make selection of the initial try-on garment by referring to the size prediction tables provided for each type of garment. To insure the best possible fit from tariff sizes, each individual wearing the proper subgarments, may require a minimum of two sizes for try-on.

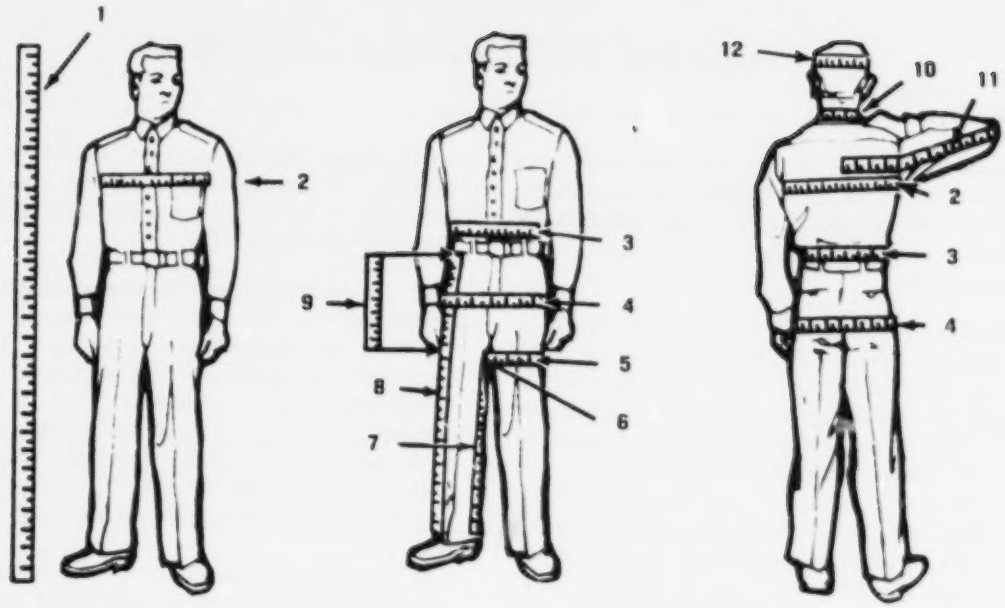
c. Marking for alterations. When the fitter decides that an individual cannot be properly fitted from tariff sizes, the closest fitting item will be put on and marked for alterations. (See fig. 2-3 & 2-4 for authorized alterations). If the number and types of alterations are excessive or the proper fit cannot be obtained, a request for special measurement clothing will be prepared and submitted in accordance with AR 700-84.

d. Final Check. When alterations have been completed, the garment should be put-on and checked for proper fit. If necessary, make additional alterations. The jacket and trousers should fit smoothly with no vertical, horizontal, or diagonal wrinkles or creases. Horizontal creases usually indicate the garment to be too tight; vertical creases will indicate the garment to be too loose; and in jackets, diagonal creases in the shoulder area generally indicate that one shoulder is lower than the other (See fig. 2-5).

2-3 Request for Special Measurement Clothing and Footwear. *a. Special Measurement Clothing.* Special measurement clothing is authorized only for persons who cannot be properly fitted with standard tariff sizes or by authorized alterations. Unless directed otherwise, service members take all special measurement clothing with them on permanent change of station. For supply procedures of special measurement clothing, See AR 700-84.

b. Special Measurement Footwear. Special measurement footwear is authorized only for personnel who cannot be properly fitted with standard tariff sizes stocked in the depot supply system by reason on size only. Orthopedic footwear and orthopedic adjustment to standard footwear are not authorized under this provision. Special measurement footwear is included under the clothing allowance system. Detailed supply procedures are in AR 32-4.

c. Orthopedic Footwear. Corrective, compensating, or remedial boots or shoes manufacutred on a special orthopedic last are considered to be orthopedic footwear and will be medically prescribed in all cases where disabled or deformed feet cannot be fitted satisfactorily with footwear available in regular supply channels modified by orthopedic adjustments. Orthopedic footwear as defined are medical appliances and will be requisitioned from the Defense Orthopedic Footwear Clinic (DOFC), Boston, MA. See AR 40-3.



1 HEIGHT

From floor to natural height with subject standing in an erect manner. This measurement must be exact, as it regulates the length of the coat and the depth of the waist.

2 CHEST

Place tape well up under the arms and over the shoulder blades on a horizontal line, taking the floor as a level. This measurement is taken snug. Take measurement from center of the back instead of the front, with the subject standing in a natural position and not with the chest fully expanded.

3 WAIST

Measure around waist on the shirt just above the trousers at a point directly over the hipbones; snug, but not tight.

4 SEAT

Measure around the largest part of the hips or seat.

5 WIDTH OF LEG

Measure around the thigh just below the crotch level.

6 CROTCH

The point of the human body where the legs fork from the pelvis. This is not a measurement, but is a point from which measurements are taken.

7 INSEAM

Place the tape firm and well up against the crotch at (6), and measure down to the floor along the leg of the inside seam and subtract 2-1/2 inches.

8 OUTSEAM

Place the tape on the subject just above the hipbone, on the lower edge of the waistband seam, and measure to the bottom of the trousers. The measurement is taken along the length of the outside seam.

9 RISE

This measurement is the difference between the inseam and the outseam measurements.

10 NECK

Measure the circumference of the neck at the collar line and add 1/2-inch for ease.

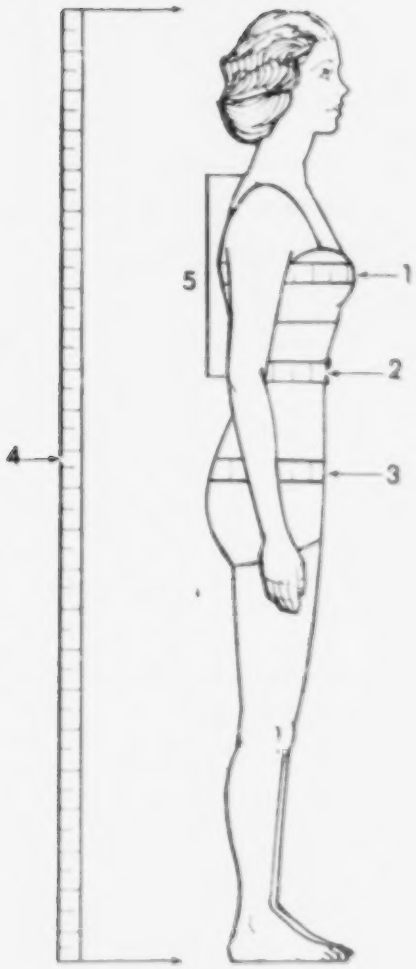
11 SLEEVE

Raise arm of the subject and bend the arm at right angle, bringing forward the forearm parallel to the floor, with palms down, measure from center of back to sleeve seam, continuing around the elbow to the wrist bone. This measurement gives the full sleeve length.

12 HEAD

Measure the circumference of the head with the tape across the forehead and over temples.

Figure 2-1. Key points of fitting measurements.



1. BUST GIRTH - Around fullest part of bust.
2. WAIST GIRTH - Around smallest part of waist.
3. HIP GIRTH - Around fullest part of hip.
4. HEIGHT - Stature without shoes.
5. BACK WAIST LENGTH - From Backneck to waist level.

Figure 2-2. Basic body measurements.

Authorized Alterations to Men's Uniforms

Alteration	*Army Green Overcoat & Raincoat*	*Army Black All Weather Coat*	* *Trousers*	*Coat*
Shoulders	–	–	–	X
Collar	X	–	–	X
Sleeves	X	X	–	X
Side or Back Seams	–	–	–	X
Bottoms	–	–	X	–
Crotch	–	–	X	–
Seat	–	–	X	–
Waist	–	–	X	–
Hemline	X	X	–	X
Button Alignment	X	–	–	X
Braid Attachment	–	–	X	X

* The only alteration authorized for the OG 507 trousers is shortening the length.
* In addition to shortening the trouser length, the TAN 446 trousers may be taken in at the waist, but not more than 1½ inches.

Figure 2-3.

Authorized Alterations to Women's Uniforms

Alteration	*Army Green Overcoat & Raincoat*	*Black All Weather Coat*	*Coat*	*Jacket*	*Skirt*	*Slacks*
Shoulders	–	–	X	X	–	–
Collar	X	–	X	X	–	–
*Armhole	–	–	–	X	–	–
Sleeves	X	X	X	X	–	–
Back or Side Seams	–	–	X	X	X	X
Back Waist Length	–	–	X	X	–	–
Bottoms	–	–	–	–	–	X
Crotch	–	–	–	–	–	X
Hip	–	–	–	–	X	X
Waist	–	–	–	–	X	X
Hemline	X	X	X	X	X	–
Button Alignment	X	X	X	X	–	–
Braid Attachment	–	–	X	X	–	–

* This alteration is only authorized for the Army Green Shade 344 Pantsuit Jacket and then only when the Jacket fits in all other areas.

Figure 2-4.

Indications of improper uniform fit.

Figure 2-5.

CHAPTER 3

FITTING OF MEN'S UNIFORMS

3–1 Men's Army Green Uniform.

The Men's Army Green Uniform (fig. 3–1) consists of an Army Green coat and trousers, long or short sleeve shirt, a black four-in-hand tie, an Army Green Garrison cap and black low-quarter shoes. Wear of the Service Cap is optional in accordance with AR 670–1.

a. Design.

(1) *Coat.* The Army Green coat is a four-button, single breasted coat designed to fit slightly at the waist to conform with the individual's figure.

(2) *Trousers.* The Army Green trousers have a plain zipper front with an unfinished bottom. They are designed to fit smoothly, but not tightly, around hips, seat, and waist, with a slight fullness for comfort. The rise is automatically built into the trousers and varies with different lengths.

(3) *Shirt.* The shirt, worn with the Army Green Uniform, is a dress type shirt with seven front buttons and two pockets with button flaps. The shirt is available in both long and short sleeves. The short sleeve shirt has a convertible collar design to be worn with or without a necktie. The long sleeve shirt has one-button interlined cuffs and is designed to be worn strictly with a tie.

(4) *Cap, garrison.* The garrison cap worn with the Army Green Uniform is a dress type, garrison style cap, having a crown and outside turned curtain, with the ends crossing at the front. The top edge of the curtain is furnished with a cord-edge braid.

b. Material.

(1) *Cap.* Wool serge AG 44, Polyester/Wool serge AG 344, and Polyester/Wool Tropical, AG 344.

(2) *Coat and Trousers.* Wool serge AG 44 Polyester/Wool serge AG 344, or Polyester/Wool Tropical, AG 344.

(3) *Shirt.* Precured durable press, 65/35 polyester/cotton broad cloth, stock-dyes yarn in end-on-end configuration, 3.2 ounces per square yard, Army Green Shade 415.

c. Sizing System.

(1) *Coats.* Army coat sizes are related to the individual chest, height, and waist measurements. The coats are sized numerically by chest measurement and are available in extra short, short, regular, long and extra long models.

(2) *Trousers.* Trousers are sized numerically according to waist measurement and are available in 1-inch increments. Inseam lengths are available in five models: extra short, short, regular, long and extra long. All trousers are labeled with the waist size first, immediately followed by the inseam length.

(3) *Shirts.* Both the long and short sleeve shirts are available in 1/2-inch neck size increments from 13 through 18. The long sleeve shirt is available in 1-inch sleeve length increments from 29 through 38.

(4) *Cap, garrison.* The garrison cap is provided in 3/8-inch size increments from size 6 3/8 through size 7 7/8.

d. General Fitting Procedures.

(1) *Coat, Wool or Polyester/Wool.*

(a) Subgarments. Subgarments required for the fitting of wool coats are cotton underwear, dress shirt, wool trousers, socks and low quarter shoes.

(b) Measurements. The chest and height measurements are needed for selection of the proper size and model try-on garment.

(c) Try-on. Using the individual's height and chest measurements, refer to the size prediction table (fig. 3–1–1) for the size of the initial try-on garment. If the individual's measurements are close to the minimum or maximum indicated on the size prediction table, select two sizes for try-on. For example, if the individual's height is 5 feet 8 inches, and his chest measurement is 40 inches, try the 40 short and 40 regular models.

(d) Alterations.

1. Collar. Raising or lowering the collar consists of ripping out the seams on the bottom of the collar at the neckline, repositioning the collar on the back of the coat to the desired height, resewing the collar, and pressing. Collars must not be raised or lowered over one-quarter of an inch.

2. Shoulders. Uneven shoulder height may cause wrinkles or folds in the back of the coat. They can be removed by raising or lowering the coat shoulders, by adding to, or removing the shoulder padding.

3. Sleeves. When lengthening or shortening the sleeves, measure and mark each sleeve individually. One and one-half inches of outlet material is provided for lengthening the sleeves.

4. Waist and Hips. Taking in or letting out of the side seams is an infrequent alteration and should be done only after the next larger or smaller

size has been tried. The front buttons may be repositioned for further refinement of fit.

(e) Final Check for Proper Concept of Fit. Completely button coat and inspect for proper concept of fit by checking the following points:

1. Collar. The shirt collar must show about 1/4 to 1/2 inch above the coat collar at the center back of the coat (fig. 3–1–2). The coat collar should fit close around the neck without gapping or overlapping.

2. Back, Shoulders, and Chest. The coat must fit easily over the chest and shoulders, giving a slight draped effect in the front and back (fig. 3–1–2).

3. Hips. Coat fronts should be smooth and even at the bottom edges (fig. 3–1–2). The bottom edges in the front of the coat will protrude and the back vent will spread if the coat is too snug at the waist and hips.

4. Lengths. The bottom edge of the coat must extend below the crotch (fig. 3–1–2).

5. Sleeves. The sleeves of the coat should fall about 1-inch below the bottom of the wristbone, covering the sleeves of the shirt (fig. 3–1–2).

(2) *Trousers, Wool or Polyester/Wool.*

(a) Subgarments. Subgarments required for fitting of wool trousers are cotton underwear, dress shirt, socks and low-quarter shoes.

(b) Measurements. The waist and height measurements are needed for the selection of the proper size and model try-on garment.

(c) Try-on. Using the individual's waist and height measurements, refer to the size prediction table (fig. 3–1–1) for the size of the initial try-on garment. Make sure the bottom of the waist band is on top of the hipbone before measuring and marking the trousers.

(d) Alterations.

1. Waist. Alteration of the waist consists of opening the backseam where outlet material has been provided and making necessary adjustments. To avoid improper hanging or dislocated pockets, the waist adjustment must not be more than 1 1/2-inches.

2. Bottoms. Hem trousers to measured length, turning up the bottoms as marked. If the proper length model has been selected, no more than a 3-inch turn-up should be required. Stitching must not be visible on the outside of the trousers.

(e) Final Check for Proper Concept of Fit.

1. Crotch, Check the crotch by placing one hand at the fly and the other hand at the back of the trousers in the crotch, moving hands horizontally. Properly fitted trousers will have slight ease (fig. 3–1–3).

2. Length. The trousers must hang straight from the seat so the bottom of the front crease rests on the shoes without a break and the back edge of the trouser falls 1–2 inches above the top of the heel (fig. 3–1–4). The bottom edge of the trousers may taper downward from front to back a maximum of 1 1/4 inches because of the individual's shoe size and the height of his instep.

3. Rise. Make sure the bottom of the trouser waistband is at the top of the hipbone and the trousers are well up into the crotch (fig. 3–1–3). A short rise may cause tightness and discomfort and a long rise may cause trousers to be baggy in the seat and crotch.

4. Seat. The trousers must fit easily around the seat without wrinkles below the backwaist. They must be full enough around the hips to prevent the side pockets from spreading and to allow for comfort in normal movements, such as sitting, climbing stairs and walking (fig. 3–1–3). When deciding which of two sizes is more suitable, select the trousers that provide the best fit around the seat, even though an alteration at the waist may be required.

5. Waist. The trousers must be fitted with about a 1/2-inch ease, fitting easily around the natural waist without bulging (fig. 3–1–3).

(3) *Army Green Shade 415 Shirt.*

(a) Subgarment. The subgarment worn for try-on of the Army Green Shade 415 shirt is the cotton undershirt.

(b) Measurements.

1. Neck. Place the tape evenly, but not snugly around the middle of the neck, allowing a 1/2-inch ease.

2. Arm. To obtain the full sleeve length, direct the individual being fitted to raise his arm parallel to the floor, bending it at the elbow to form a right angle with the palm of his hand facing the floor. The arm is then measured from the center of the back (parallel with the elbow) along the arm, around the elbow to the lower part of the wristbone.

(c) Try-on. Use the neck and sleeve measurements to determine the correct size shirt for try-on.

(d) Alterations. No alterations are authorized.

(e) Final Check for Proper Concept of Fit. Completely button shirt, including the cuffs of the long sleeve shirt and check the following points:

1. Chest and Shoulders. There must be enough room around the chest and shoulders to allow free use of the arms without discomfort (fig. 3–1–5).

2. Collar. The collar should fit snugly enough to give a neat appearance, but not so snug as to be uncomfortable (fig. 3–1–4).

3. Sleeves. The sleeve of the long sleeve

shirt must fall to the lower part of the wristbone (fig. 3-1-5).

(4) *Cap, garrison.*

(a) Measurement. Place tape snugly around the largest part of the head, across the forehead and over the temples, parallel to the ground.

(b) Selection of initial try-on size. Use the individual's actual measurement and refer to size prediction table (fig. 3-1-6).

(c) Alterations. Alteration of the garrison cap is not authorized.

(d) Final Check for Proper Concept of Fit. The cap should fit with the bottom of the front vertical crease at the center of the forehead in a straight line with the nose and at a point between 1 and 1½ inches above eyebrow level. (fig. 3-1-7).

3-2 Army Tan Uniform. The men's Army Tan Durable Press Uniform (fig. 3-2) consists of a tan short sleeve shirt, tan trousers, an Army Green garrison cap and black low-quarter shoes.

a. Design.

(1) *Shirt.* The Army Tan shirt has short sleeves, two breast pockets with button flaps, open collar and shoulder loops. The shirt is designed to be worn open at the neck without a necktie.

(2) *Trousers.* The Army Tan trousers have a plain zipper front, hook and eye closure at the top of the waist band, two side pockets, and two hip pockets with a button and button hole tab on the left hip pocket. The trousers are straight legged with finished bottoms and designed to fit smoothly, but not tightly, around the hips, seat and waist.

(3) *Cap, garrison.* The garrison cap, worn with the Army Tan Uniform, is a dress type, garrison style cap, having a crown and outside turned curtain, with the ends crossing at the front. The top edge of the curtain is furnished with a cord-edge braid.

b. Material.

(1) *Shirt and Trousers.* The shirt and trousers are made of a cotton—polyester twill durable press fabric, Army Tan Shade 445.

(2) *Cap, garrison.* The cap is made of wool serge, AG 44, polyester/wool serge, AG 344, or polyester/wool tropical, AG 344.

c. Sizing System.

(1) *Shirts.* The short sleeve shirt is available in sizes extra small, small, medium, large and extra large.

(2) *Trousers.* Trousers are available in 1-inch size increments for waist size, and in 2-inch size increments for inseam length. The trousers come already hemmed and permanently pressed.

(3) *Cap.* Army caps are sized numerically, available in 3/8-inch size increments from 6 3/8 to 7 7/8.

d. General Fitting Procedures.

(1) *Army Tan Shade 445 shirt.*

(a) Subgarments. The subgarment for the 445 shirt is the cotton undershirt.

(b) Measurements. The neck measurement is the only measurement required to select try-on size.

(c) Try-on. Use the neck measurement and refer to size prediction table (fig.3-2-1) for size of the initial try-on garment.

(d) Alterations. No alterations are authorized for the 445 shirt.

(e) Final Check for Proper Concept of Fit. The shirt, completely buttoned, must fit easily over the chest and shoulders, allowing free use of the arms without discomfort. (fig. 3-2-2)

(2) *Army Tan Shade 445 Trousers.*

(a) Subgarments. Subgarments for the 445 trousers are the cotton undershorts, tan 445 shirt, and low-quarter shoes.

(b) Measurements. The waist and inseam measurements are required for selection of the try-on garment.

(c) Try-on. Using the waist and inseam measurements, select the try-on garment (Size Prediction Table not required, trousers are labeled with the waist and inseam sizes).

(d) Alterations. Alteration of the Tan 445 trousers is not authorized unless the proper waist or length size cannot be provided. In this case, the following alterations are authorized:

1. Waist. The trousers may be taken in at the waist but not more than 1½-inches. More than 1½-inches may result in improper hanging and dislocated pockets. Letting the waist out is not authorized because needle penetration marks and crease lines cannot be removed.

2. Bottoms. The trousers may be shortened by ripping out the bottom seam which has a 2¼-inch turned-in hem. When shortening the trousers, a 2 to 2½-inch turned-in hem should be maintained by cutting off the excess material. Making the trousers longer is not authorized because needle penetration marks and crease lines cannot be removed.

(e) Final Check for Proper Concept of Fit. Fit trousers at waist with the waistband at the top of the hipbone and check the following points:

1. Crotch. Check the crotch by placing one hand at the fly and the other hand at the crotch in the back of the trousers moving hands horizontally. Properly fitted trousers will have a slight ease. (fig.3-2-2).

2. Length. The bottom of the prehemmed trousers should fall half-way between the top of the

heel and the top of the shoe (fig.3-2-3). If the trousers are more that ½-inch above or below the half-way mark, select another length trouser.

3. Rise. The differences in rise are automatically compensated for in the different length trousers. To check the rise place one hand between the legs making sure the trousers are well up into the crotch. A rise that is too short may cause tightness and discomfort; a long rise may cause the trousers to be baggy in the seat and crotch areas (fig. 3-2-2).

4. Seat. The trousers must fit easily around the seat without wrinkles below the back waist (fig.3-2-2). They must be full enough around the hips to prevent the side pockets from spreading and allow for comfort and stride in normal movements, such as sitting, climbing stairs, and walking. When deciding which of two sizes is more suitable, select the trousers that provide the better fit around the seat, even though an alteration at the waist may be required.

5. Waist. The trousers must fit easily around the natural waist without bulging (fig. 3-2-2).

(3) *Cap, garrison.*

(a) Measurements. If the cap size is not known, place the tape snugly around the largest part of the head, across the forehead and over the temples, parallel to the ground.

(b) Selection of initial try-on size. Use the individual's actual measurement and refer to size prediction table (fig. 3-2-1).

(c) Alterations. Alteration of the garrison cap is not authorized.

(d) Final Check for Proper Concept of Fit. The garrison cap is worn with the bottom of the front vertical crease at the center of the forehead in a straight line with the nose between 1 and 1½-inches above eyebrow level (fig. 3-1-7).

3-3 OG 507 Utility Uniform. The men's OG 507 Utility Uniform (Figure 3-3) consists of a long sleeve OG 507 shirt, OG 507 trousers, OG 507 utility cap, and black combat boots.

a. Design.

(1) *Shirt.* The OG 507 Utility short has two front breast pockets with flaps, long sleeves, and six-button front closure.

(2) *Trousers.* The OG 507 Utility trousers have four patch pockets (two slash pockets in front and two pockets with flaps in back), finished bottoms and zipper front closure with a button at the top of the waistband.

(3) Cap, Hot Weather. The OG 507 cap is a baseball style cap, with a visor and stiffener on the inside front.

b Material. The shirt, trouser and cap are made of an Olive Green Shade 507 polyester/cotton durable press fabric.

c. Sizing System.

(1) *Shirt.* The long sleeve shirt is available in 1-inch neck size increments from size 13½ through 18½. Sleeve lengths are available in 2-inch size increments.

(2) *Trousers.* Trouser waist sizes are available in 2-inch increments, from size 26 thru 44. The trousers have finished bottoms with inseam lengths available in 2-inch increments.

(3) *Cap.* The cap is available in 1/8-inch increments from size 6 3/8 inch through 7 7/8.

d. General Fitting Procedures.

(1) *Shirt, Utility OG 507.* When fitting the OG 507 Utility uniform, it should be remembered that the uniform is also worn over winter underwear.

(a) Subgarments. The cotton undershirt is required for proper fitting of the utility shirt.

(b) Measurements. The neck and sleeve length measurements are required in accordance with Nato Standardization Agreements "STANAG No. 2335 Interchangeability of Combat Clothing Sizes."

(c) Try-on. Use the neck and sleeve measurements to select the try-on garment. (Size prediction table is not required, shirts are marked with the neck and sleeve measurements on the label.)

(d) Alterations. No alterations are authorized for the OG 507 shirt, except in cases where the correct sleeve length is not available. In this case, the sleeve may be altered a maximum of 1½-inches.

(e) Final Check for Proper Concept of Fit. Completely button the shirt and check the following points:

1. Chest and Shoulders. The shirt, when fully buttoned, must fit easily over the chest and shoulders allowing free use of the arms without discomfort (fig. 3-3-1).

2. Sleeves. The sleeves should extend 1-inch below the center of the wristbone (fig. 3-3-1).

(2) *Trousers, Utility OG 507.*

(a) Subgarments. Subgarments required for fitting the OG 507 Utility Trousers are the cotton underwear, OG 507 Utility shirt, socks, and combat boots.

(b) Measurements. The waist and inseam lengths measurements are required, in accordance with STANAG No. 2335.

(c) Try-on. Select the try-on garment by using the waist and inseam measurements. (Size prediction table is not required, trousers are marked with the waist and inseam measurements on the label).

(d) Alterations. If the proper length trouser is not available, select a longer size and shorten to proper length. This is the only alteration authorized.

(e) Final Check for Concept of Fit. When fitting the OG 507 Utility Trousers, an exact fit is not required. The trousers should be checked with the bottom of the waistband resting at the top of the hipbone.

1. Waist. When completely zippered and buttoned, the trousers must fit easily at the waist without bulgimg (fig. 3-3-1).

2. Hips and seat. The trousers must fit loosely enough at the hips and seat to allow squatting and bending (fig. 3-3-1).

3. Crotch. The crotch of the trousers should not bind.

4. Length. The legs of the trousers must be long enough to allow blousing over the combat boots (fig. 3-3-2).

(3) *Cap, Hot Weather.*

(a) Measurement. If the cap size is not known, measure around the largest part of the head, across the forehead and over the temples, parallel to the ground.

(b) Selection of Try-on Size. Use the individual's head measurement and refer to the size prediction table (fig. 3-3-3) for the proper size cap for try-on.

(c) Alterations. Alteration of the OG 507 Utility cap is not authorized.

(d) Final Check for Proper Concept of Fit. The cap should fit snugly and level over the head, with the visor straight across the forehead. The bill of the cap should not block the individual's vision.

3-4 Coat, All Weather Army Black Shade. The all weather coat (fig. 3-4) consists of a black raincoat and black zip-in liner.

a. Design. The all weather coat is a full length single breasted coat with slash front pockets, detachable shoulder loops, four-button fly front, and center back vent. The detachable single ply liner has button loops at the bottom of each sleeve and a zipper around the edge, for attaching the liner to the coat.

b. Material.

(1) *Raincoat.* 50/50 Polyester/cotton poplin, 6.0 ounce weight, Army black shade 385. The coat is treated with water and soil repellant and has a durable crease resistant finish.

(2) *Liner.* 11.5 ounce weight knitted acrylic pile fabric, Army black shade 410.

c. Sizing System. The all weather coat is available in 2-inch size increments from size 30 through 48 and lengths extra short (XS), short (S), regular (R), long (L), and extra long (XL).

d. General Fitting Procedures.

(1) *Subgarments.* The subgarments for the chest measurement are the undershirt and dress shirt. Subgarments for the raincoat try-on are the undershirt, dress shirt, Army Green trousers and Army Green coat.

(2) *Measurements.* The chest and height measurement are needed to select try-on size and model.

(3) *Selection of Try-on Garment.* Attach raincoat liner for try-on purpose. Using the individual's height and chest measurements, refer to size prediction table (fig. 3-4-1) for size of the initial try-on garment. If the individual's measurements are close to the minimum or maximum indicated on the size prediction table, select two sizes for try-on. For example, if the individual's height is 5 feet, 11 inches, and his chest measurement is between 43 and 45 inches, try-on both the 44 regular and 44 long to get the proper length garment. If the individual's height is 5 feet, 10 inches with a chest measurement of 43 inches, try-on both the 42 regular and 44 regular. In either case, if the selected garment does not fit, try-on additional garments until the best possible fit is achieved prior to making alterations.

(4) *Alterations.* The only alterations authorized are the shortening of the sleeves and adjustment of the raincoat length. When shortening the sleeves, measure and mark each sleeve individually.

(5) *Final Check for Proper Concept of Fit.* To insure proper concept of fit, attach liner and completely button the coat, checking the following points:

(a) Collar. The collar of the coat should fit close at the neck without gapping or overlapping. The back of the collar should cover the collars of all subgarments (fig. 3-4-2).

(b) Back, Shoulders, and Chest. The coat, with liner attached, must fit easily and comfortably over the shoulders and chest to allow free use of the arms without pulling or giving discomfort to the wearer.

(c) Hips. The coat must hang freely from the shoulders without waist suppression or tightness around the hips (fig. 3-4-2).

(d) Length. The coat should fall approximately 1½ inches below the mid-point of the knee (fig.3-4-2).

(e) Sleeves. The coat sleeves must be ½-inch longer than and cover the sleeves of all subgarments (fig.3-4-2.)

3-5. Men's AG44 Overcoat. The AG 44 overcoat (fig.3-5) consists of an overcoat and detachable liner.

a. Design. The Army Green Shade 44 wool overcoat is a full length, double breasted overcoat, belted at the waist. The trenchcoat styled overcoat is issued with a detachable liner.

b. Material.

(1) *Overcoat.* The overcoat is made of a wool or polyester and wool, gabardine fabric, Army Green Shade 44. It is lined with a rayon cloth Army Green Shade 45.

(2) *Liner.* The liner is made of wool flannel, Army Green Shade 280. The liner is also lined with a rayon cloth Army Green Shade 45.

c. Sizing System. The overcoat is provided in 2-inch size increments from size 30 to size 48. Most sizes are available in five lengths, extra short (XS), short (S), regular (R), long (L) and extra long (XL).

d. General Fitting Procedures.

(1) *Subgarments.* The subgarments for the overcoat try-on are the underclothing normally worn, the AG 344 uniform and the overcoat liner. The liner is attached to the overcoat for try-on.

(2) *Measurements.* The individuals chest and height measurements are required.

(3) *Selection of Try-on Garment.* Use the individual's chest and height measurements and refer to the size prediction table (fig. 3-5-1) for the size of the initial try-on garment. If the individual's measurement is close to the minimum or maximum of the size category indicated on the size prediction table, select two overcoats for initial try-on.

(4) *Alterations.* Normally the only alteration required for the overcoat is the adjustment of the sleeve length. When altering sleeve length, measure and mark each sleeve individually, remembering to reposition the tabs to the required 2½ to 2 1/8 inches from the bottom of the sleeve.

(5) *Final Check for Proper Concept of Fit.* With the liner attached, completely button the overcoat and secure the belt, checking the following points for proper concept of fit:

(a) Back and Shoulders. The overcoat must fit smoothly across the back and shoulders.

(b) Chest. The overcoat must fit easily over the chest.

(c) Collar. The back of the overcoat collar must cover the collars of all subgarments (fig. 3-5-2).

(d) Length. The bottom of the overcoat must fall 1 to 3 inches below the bottom of the kneecap (fig. 3-5-2).

(e) Sleeves. The sleeves of the overcoat should be approximately ½ inch longer than the sleeves of the AG 344 coat (fig. 3-5-2).

(f) Waist. The back of the coat should taper from shoulders to waist. The belt should be at the natural waistline (fig. 3-5-2).

3-6 Men's AG 274 Raincoat.

a. Design. The AG 274 raincoat (fig. 3-6) is a six-button, double-breasted, belted, trench-type raincoat, with two-way access hanging pockets, shoulder loops and a storm shield on the front right side.

b. Material. The AG 274 raincoat is made of a cotton and polyester quarpel treated cloth, Army Green Shade 274.

c. Sizing System. The raincoat is provided in a 2-inch size increments from size 30 to size 48. Most sizes are available in five lengths, extra short (XS), short (S), regular (R), long (L) and extra long (XL).

d. General Fitting Procedures.

(1) *Subgarments.* The subgarments for the raincoat try-on are the underwear normally worn, and the AG 344 Uniform.

(2) *Measurements.* The chest and height measurements are required.

(3) *Selection of Try-on Garment.* Use the individual's chest and height measurements and refer to the size prediction table (fig. 3-6-1) for the size of the initial try-on garment. If the individual's measurement is close to the minimum or maximum of the size category indicated on the size prediction table, select two size raincoats for initial try-on.

(4) *Alterations.* Normally the only alteration required for the raincoat is the shortening of the sleeves. When altering the sleeve length, measure and mark each sleeve individually, remembering to reposition the tabs to the required 2½ to 2 1/8 inches from bottom of the sleeve.

(5) *Final Check for Proper Concept of Fit.* With the raincoat completely buttoned and the belt secured, check the following points for the proper concept of fit.

(a) Chest and Shoulders. The raincoat must fit easily and comfortably over the chest and shoulders, allowing free use of the arms. (fig. 3-6-2).

(b) Collar. The back of the raincoat collar must cover the collar of all subgarments (fig. 3-6-2).

(c) Length. The raincoat bottom must fall 3 to 5 inches below the bottom of the kneecap (fig. 3-6-2).

(d) Sleeves. The sleeves of the raincoat should be approximately ½ inch longer that the sleeves of the AG 344 coat (fig. 3-6-2).

(e) Waist. The back of the raincoat should taper from shoulder to waist. The belt should be at the natural waistline (fig. 3-6-2).

3–7 Men's Battledress Uniform.

The Men's Battledress Uniform (fig. 3–7–1) consists of a "bush-type" coat, trousers, and a field cap. The uniform is dyed in the woodland camouflage pattern.

a. Design.

(1) *Coat.* The coat has four bellows type patch pockets with flaps (one on both the lower left and right fronts and one on the left and right breast), a concealed front button closure, a straight cut bottom, elbow patches and long sleeves with sleeve tabs.

(2) *Trousers.* The trousers have a button front fly, two waist adjustment straps, right and left hip pockets with flaps and two side hanging pockets, right and left cargo pockets with flaps, seat and knee patches and leg hem drawcords.

(3) *Cap.* The cap is visor style with a circular crown and retractable earlaps.

b. Material.

(1) *Coat and Trousers.* The coat and trousers are made of 50% nylon and 50% cotton twill cloth, dyed in the woodland camouflage pattern.

(2) *Cap.* The cap is made of a cotton warp, nylon fillling, water repellent, oxford cloth, Earlaps are wool and cotton flannel olive green shade 108.

c. Sizing System.

(1) *Coat.* The coat is available in 22 sizes; extra-small through extra-large in extra-extra-short through extra-long lengths.

(2) *Trousers.* The trousers are available in 21 sizes; extra-small through extra-large in extra-short through extra-long lengths.

(3) *Cap.* The cap is available in 12 sizes with 1/8 inch increments from sizes 6 3/8 through 7 3/4.

d. General Fitting Procedures. Although the cotton undershirt and underwear are normally worn under the Battledress Uniform, the winter underwear may also be worn.

(1) *Coat.*

(a) Subgarments. The cotton undershirt is required for proper fit of the battledress coat.

(b) Measurements. The chest and height measurements are needed for selection of the proper size and try-on garment.

(c) Try-on. Using the individual's height and chest measurements refer to the size prediction table 3–7–2 for the size of the initial try-on garment. If the individual's measurements are close to the minimum or maximum indicated on the size prediction table, select two sizes for try-on.

(d) Alterations. Alteration of the coat is not authorized.

(e) Final Chck for Proper Concept of Fit. Completely button the coat and check the following points:

1. Chest and Shoulders. The coat, when fully buttoned must fit easily over the chest and shoulders allowing free use of arms, without discomfort (fig. 3–7–3).

2. Hips. The coat must hang freely from the shoulders without tightness around the waist or hips (fig. 3–7–3) coat fronts should be smooth and even at the bottom edges. The bottom edges in the front of the coat will protrude if the coat is too snug at the waist and hips.

3. Length. The bottom edge of the coat must extend to the crotch area (fig. 3–7–3).

(2) *Trousers.*

(a) Subgarments. Required for fitting the battledress trousers are the cotton underwear and cushion sole socks.

(b) Measurement. The waist and inseam length measurements are needed for the selection of the proper size and try-on garment.

(c) Try-on. Using the individual's waist and inseam measurements, refer to the size prediction table 3–7–4 for the size of the initial try-on garment. Make sure the bottom of the waistband is on top of the hipbone. (Up to three inches is allowed at the waistline, to be adjusted accordingly with the waist straps).

(d) Alterations. If the proper length trouser is not available, select a longer pair and shorten to proper length. This is the only alteration authorized.

(e) Final Check for Proper Concept of Fit. When fitting the trousers, an exact fit is not required. Fit the trousers with the bottom of the waistband resting at the top of the hipbone and check the following points:

1. Waist. When buttoned and waist straps adjusted, the trousers must fit easily at the waist without bulging.

2. Hips and Seat. The trousers must fit loosely enough at the hips and seat to allow squatting and bending (fig. 3–7–5).

3. Crotch. The crotch of the trousers should not bind.

4. Length. The legs of the trousers must be long enough to allow blousing over the combat boots.

(3) *Cap.*

(a) Measurements. If the cap size is not known, measure around the largest part of the head, across the forehead and over the temples parallel to the floor.

(b) Try-on. Use the individual's head measurements and refer to the size prediction table 3–7–6 for the proper size cap.

(c) Alterations. Alterations of the cap is not authorized.

(d) Final Check for Proper Concept of Fit. The cap should fit snugly and level over the head, with the visor straight across the forehead. The bill of the cap should not block the individual's vision.

Figure 3-1. Men's Army Green Uniform

Size-Prediction table for Men's Wool Coats

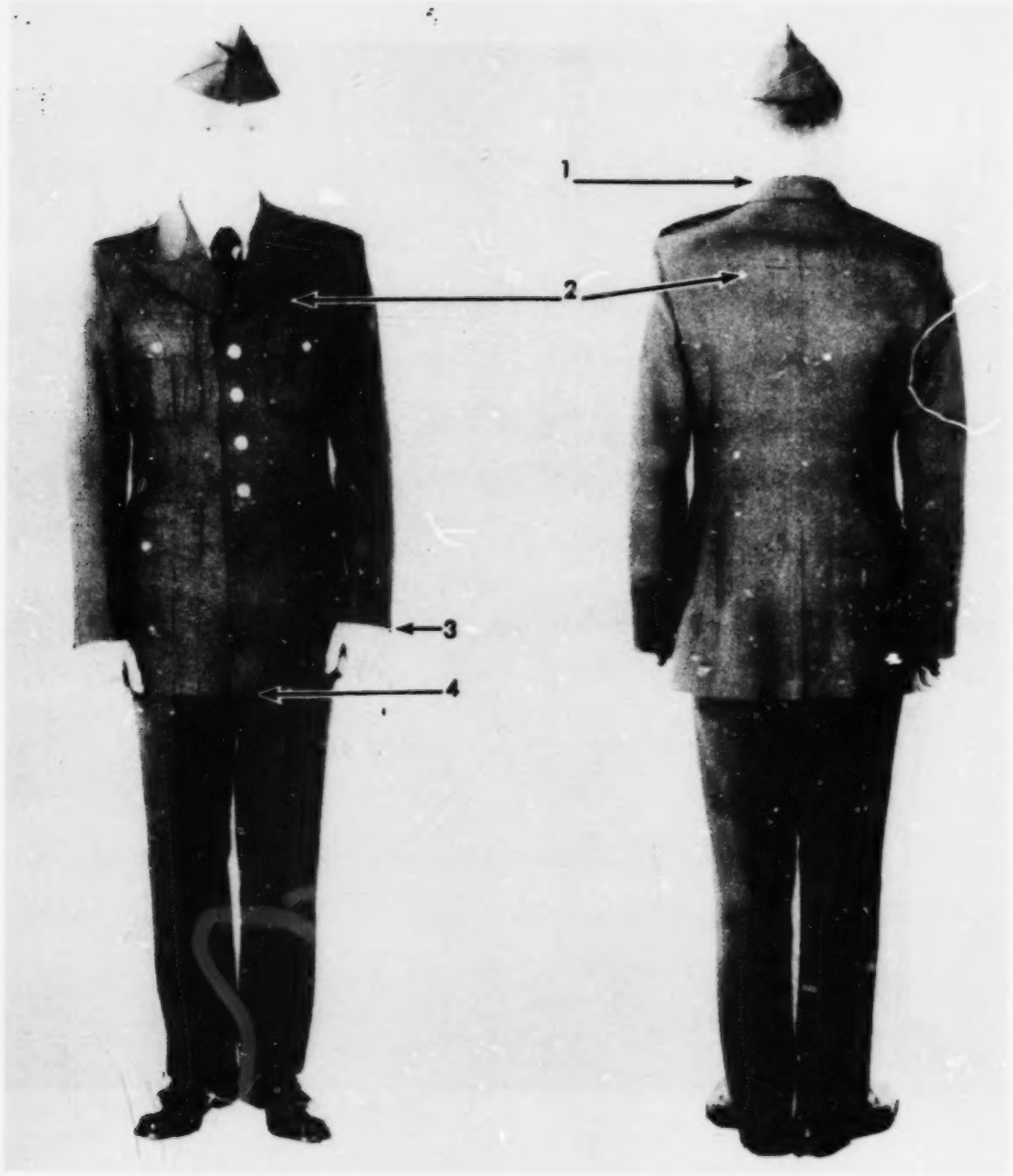
Chest	*Height*				
(Inches)	5'0"-5'4"	5'5"-5'7"	5'8"-5'10"	5'11"-6'1"	6'2"-up
33	34XS	*33S	*33R	*33L	
34	35XS	34S	34R	34L	---
35	*36XS	35S	35R	35L	---
36	*37XS	36S	36R	36L	36XL
37	*38XS	37S	37R	37L	37XL
38	*39XS	38S	38R	38L	38XL
39	*40XS	39S	39R	39L	39XL
40	*41XS	40S	40R	40L	40XL
41	*42XS	41S	41R	41L	*41XL
42		42S	42R	42L	*42XL
43		43S	43R	43L	*43XL
44		44S	44R	44L	*44XL
45-46		46S	46R	46L	
47-48		*48S	*48R	48L	

Size-Prediction table for Men's Trousers

Waist	*Height*				
(Inches)	5'0"-5'4"	5'5"-5'7"	5'8"-5'10"	5'11"-6'1"	6'2"-up
26	*26XS	26S	26R	*26L	
27		27S	27R	27L	
28	*28XS	28S	28R	28L	*28XL
29		29S	29R	29L	*29XL
30	*30XS	30S	30R	30L	30XL
31		31S	31R	31L	31XL
32	*32XS	32S	32R	32L	32XL
33		33S	33R	33L	33XL
34	*34XS	34S	34R	34L	34XL
35		35S	35R	35L	
36		36S	36R	36L	36XL
37		37S	37R	37L	
38		38S	38R	38L	38XL
39		39S	39R	39L	
40		40S	40R	40L	*40XL
41-42			42R	42L	
43-44			44R	44L	

* Supplemental sizes which will be stocked at reception stations and key depots only.

Figure 3-1-1.



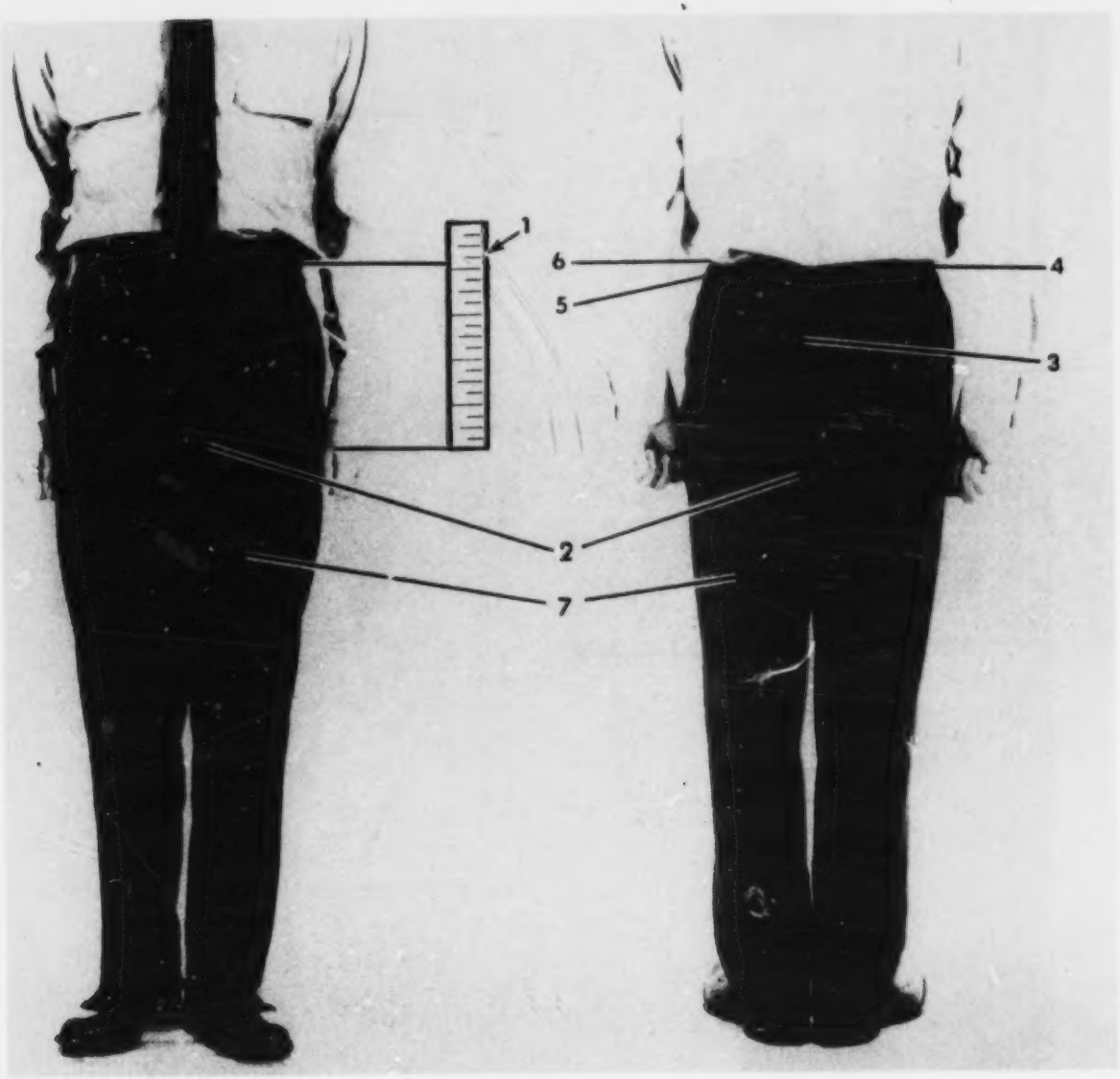
1. SHIRT COLLAR SHOWS AT LEAST 1/4-INCH ABOVE COAT COLLAR.

2. COAT FITS EASILY OVER CHEST AND SHOULDERS.

3. SLEEVES FALL 1-INCH BELOW BOTTOM OF WRISTBONE.

4. BOTTOM EDGE OF COAT EXTENDS BELOW CROTCH.

Figure 3-1-2. Proper Fit of Army Green Uniform



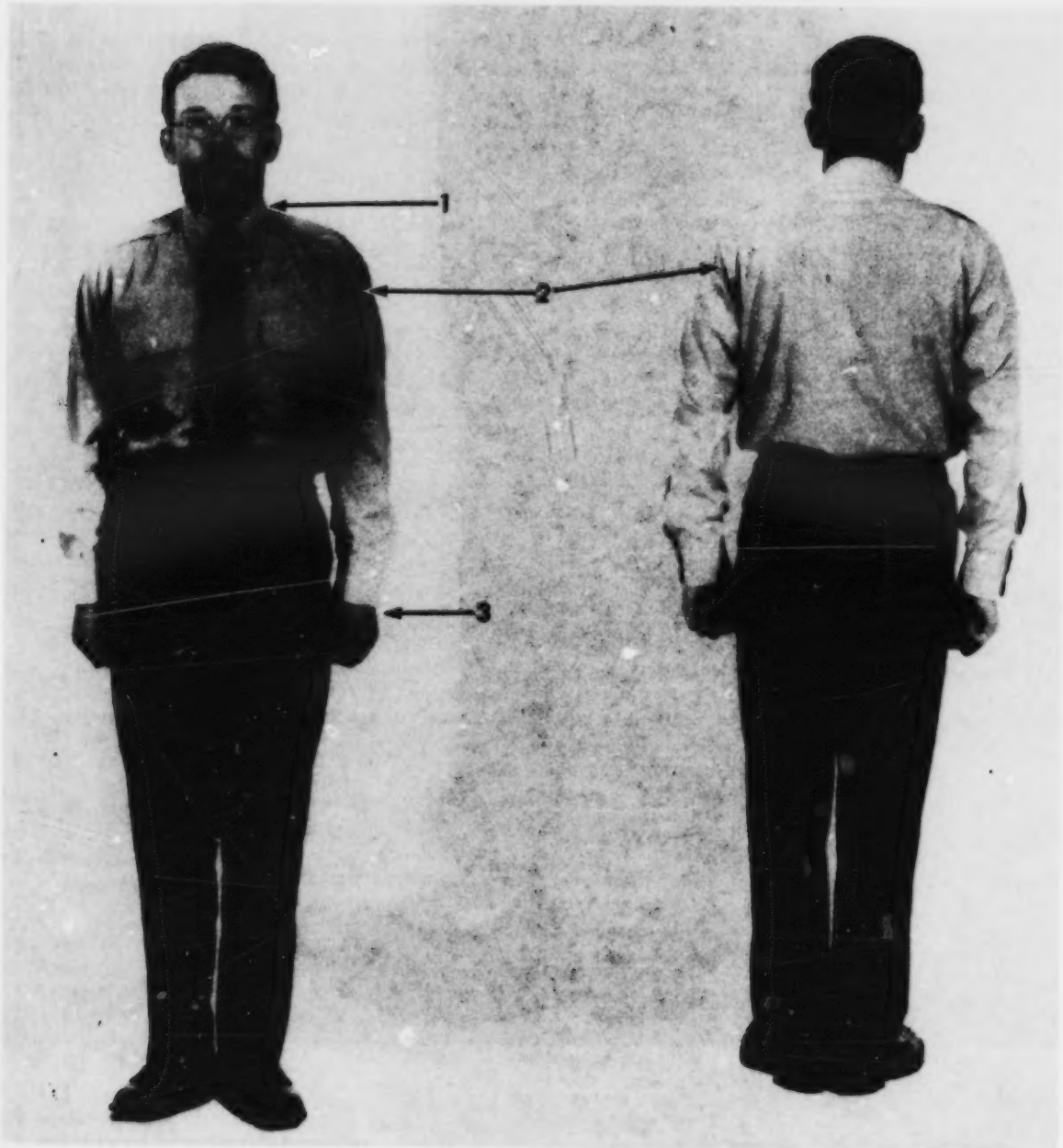
1. RISE SHOULD FIT WITHOUT LOOSENESS OR CONSTRICTION
2. CROTCH MUST HAVE A SLIGHT EASE
3. SEAT MUST BE AN EASY FIT; NO WRINKLES BELOW BACK WAIST
4. WAIST MUST HAVE ABOUT 1/2 INCH OF EASE
5. WAISTBAND BOTTOM IS AT TOP OF HIPBONE
6. WAIST MEASURE MUST BE TAKEN OVER SHIRT SNUG, NOT TIGHT
7. TROUSER CREASE MUST HANG STRAIGHT; NOT TWISTED

Figure 3-1-3. Key Fitting Points for the Army Green Trousers

1. TROUSERS REST ON TOP OF THE SHOES IN FRONT WITHOUT A BREAK

2. BACK EDGE OF TROUSERS FALL ABOUT 1/4-INCH ABOVE TOP OF HEEL.

Figure 3-1-4. Proper Length of Army Green Trousers.



1. COLLAR FITS SNUGLY BUT NOT UNCOMFORTABLE.

2. FITS EASILY OVER BACK AND CHEST ALLOWING FREE USE OF THE ARMS.

3. SLEEVES FALL TO LOWER PART OF THE WRISTBONE.

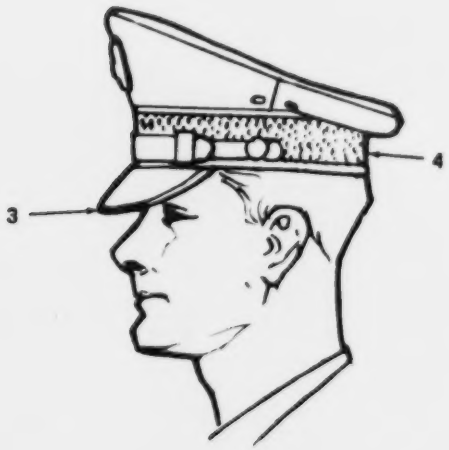
Figure 3-1-5. Proper Fit of Army Green Shirt.

Size Prediction Table for Caps

Head Measurement (Inches)	*Cap Size*
20 1/8	6 3/8
20 1/2	6 1/2
20 7/8	6 5/8
21 1/4	6 3/4
21 5/8	6 7/8
22	7
22 3/8	7 1/8
22 3/4	7 1/4
23 1/8	7 3/8
23 1/2	7 1/2
23 7/8	7 5/8
24 1/4	7 3/4
24 5/8	7 7/8

Figure 3-1-6.

A. GARRISON CAP



B. SERVICE CAP

(Authorized for optional purchase and wear)

1. BOTTOM OF VERTICAL CREASE AT CENTER OF FOREHEAD IN STRAIGHT LINE WITH NOSE AND BETWEEN 1 AND 1 1/2 INCHES ABOVE EYEBROWN LEVEL
2. CAP TIPPED SLIGHTLY TO THE WEARER'S RIGHT
3. VISOR POSITIONED SO AS NOT TO INTERFERE WITH VISION NOR RIDE UP ON FOREHEAD
4. BRAID BAND DREATES STRAIGHT LINE AROUND HEAD, PARALLEL TO GROUND

Figure 3-1-7. Proper fit of Caps.

Figure 3-2. Army Tan Uniform.

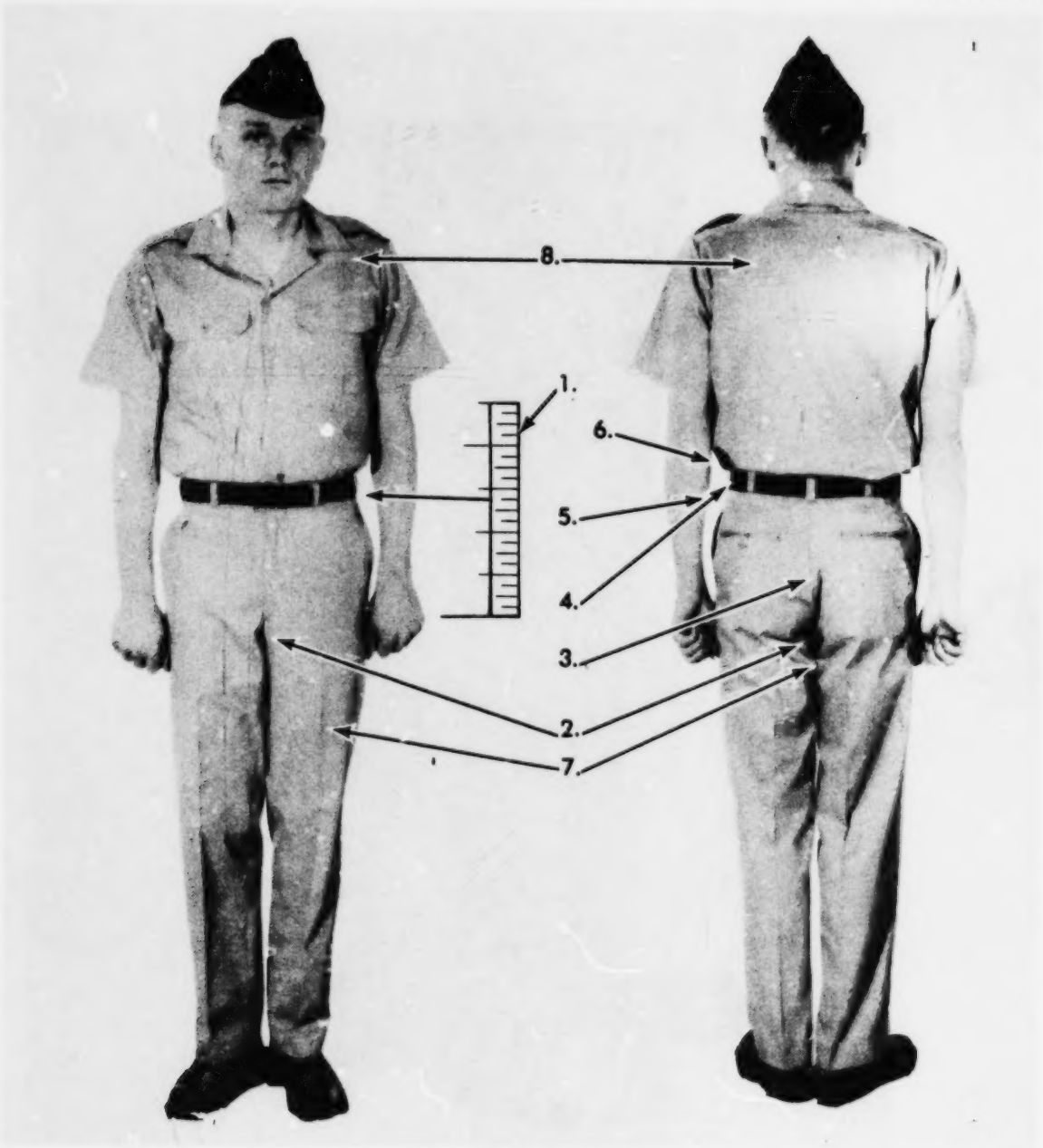
Size-Prediction table for Men's Short-Sleeve Shirts

Neck Size (Inches)	*Corresponds to*	*Adjective Size*
13-13½		Extra Small
14-14½		Small
15-15½		Medium
16-16½		Large
17-17½		Extra Large

Size Prediction table for Men's Garrison Cap

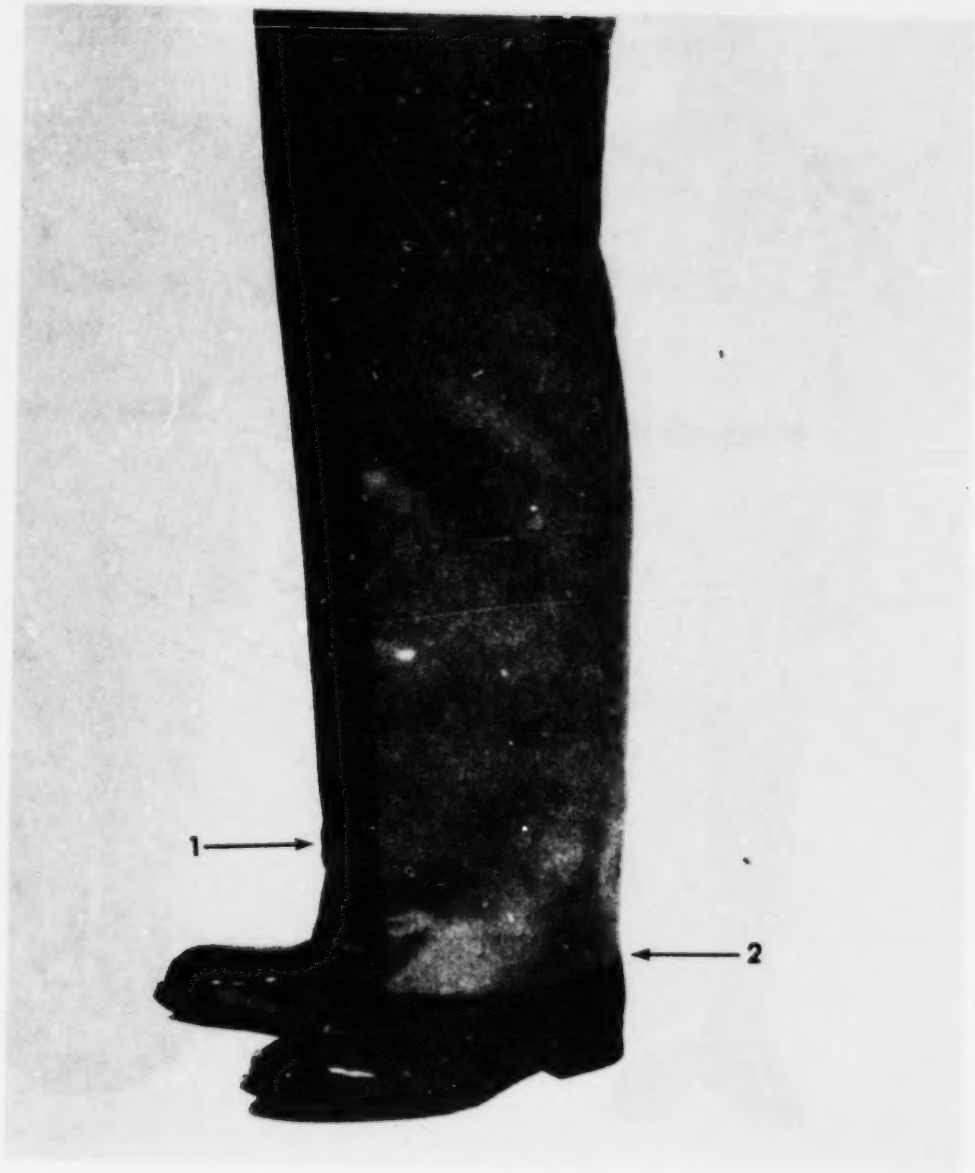
Head Measurement	*Cap Size*
20 1/8	6 3/8
20 1/2	6 1/2
20 7/8	6 5/8
21 1/4	6 3/4
22 5/8	6 7/8
22	7
22 3/8	7 1/8
22 3/4	7 1/4
23 1/8	7 3/8
23 1/2	7 1/2
23 7/8	7 5/8
24 1/4	7 3/4
24 5/8	7 7/8

Figure 3-2-1.



1. RISE SHOULD FIT WITHOUT LOOSENESS OR CONSTRICTION
2. CROTCH MUST HAVE A SLIGHT EASE
3. SEAT MUST BE AN EASY FIT; NO WRINKLES BELOW BACK WAIST
4. WAIST MUST HAVE ABOUT 1/2 INCH OF EASE
5. WAISTBAND BOTTOM IS AT TOP OF HIPBONE
6. WAIST MEASURE MUST BE TAKEN OVER SHIRT SNUG, NOT TIGHT
7. TROUSER CREASE MUST HAND STRAIGHT; NOT TWISTED
8. SHIRTS FITS EASILY OVER THE CHEST AND SHOULDERS ALLOWING FREE USE OF THE ARMS

Figure 3-2-2. Proper Fit of Army Tan Uniform.

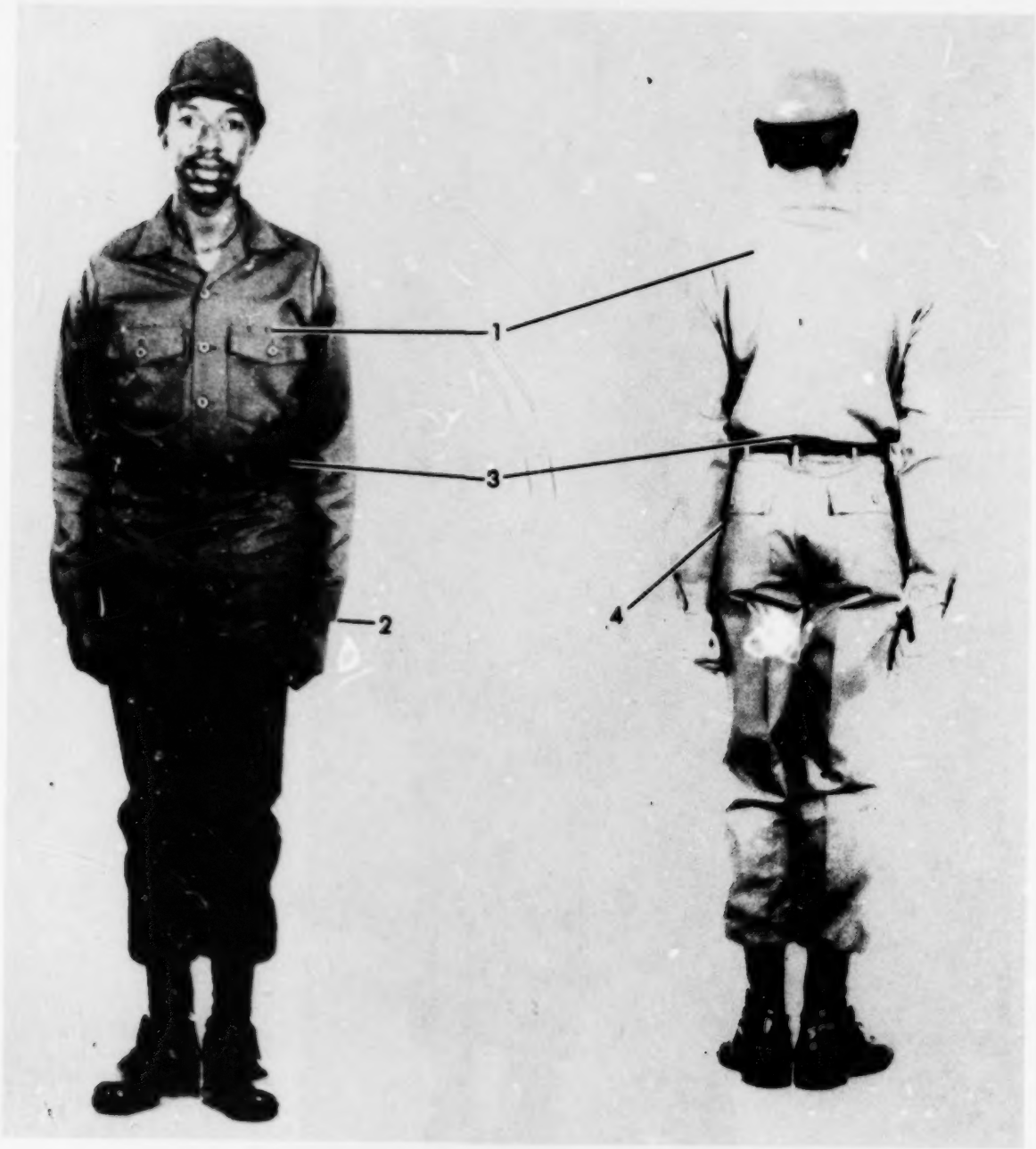


1. IN MOST CASES, THERE WILL BE A SLIGHT BREAK IN THE FRONT CREASE.

2. PREHEMMED TROUSERS FALL HALF-WAY BETWEEN THE TOP OF THE HEEL AND THE TOP OF THE SHOE IN THE BACK.

Figure 3-2-3. Proper Length of Army Tan Trousers.

Figure 3-3. OG 507 Utility Uniform



1. SHIRT FITS EASILY OVER CHEST AND SHOULDERS, ALLOWING FREE USE OF THE ARMS.

2. SLEEVES EXTEND 1-INCH BELOW THE CENTER OF THE WRISTBONE.

3. TROUSERS FITS EASILY AT THE WAIST WITHOUT BULGING.

4. TROUSERS FIT LOOSELY OVER THE HIPS AND SEAT.

Figure 3-3-1. Proper Fit of OG 507 Utility Uniform.

1. TROUSERS MUST BE LONG ENOUGH TO ALLOW BLOUSING

Figure 3-3-2. Proper Length of OG 507 Utility Trousers.

Size-Prediction Table for Men's Hot Weather Cap.

Head Measurement	*Cap Size*
20-3/8	6-3/8
20-3/4	6-1/2
21-1/8	6-5/8
21-1/2	6-3/4
21-7/8	6-7/8
22-1/4	7
22-5/8	7-1/8
23	7-1/4
23-3/8	7-3/8
23-3/4	7-1/2
24-1/8	7-5/8
24-1/2	7-3/4
24-7/8	7-7/8

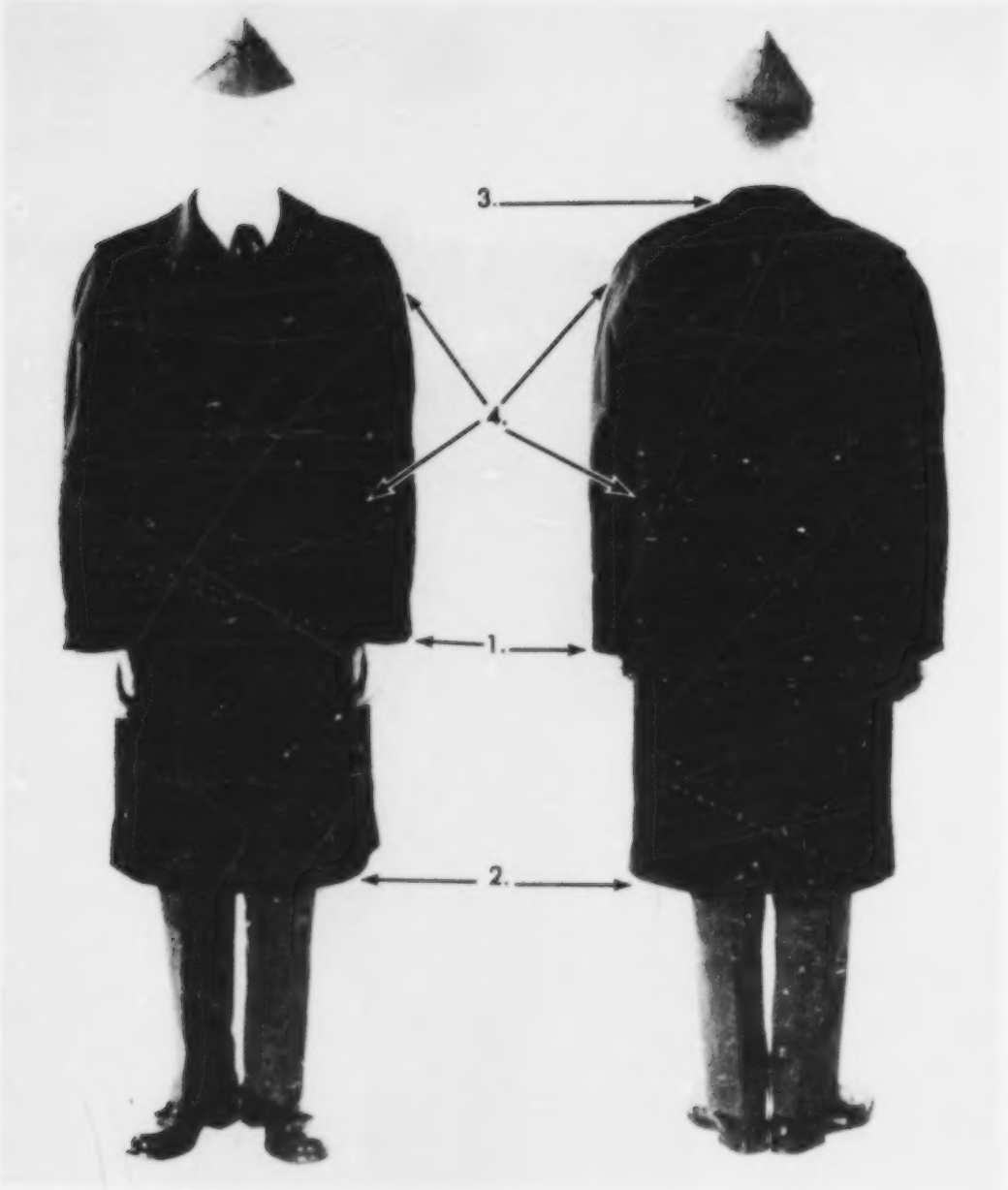
Figure 3-3A-3.

Figure 3-4. All Weather Coat.

Size Prediction Table for the Army Black Raincoat for Male personnel

Chest (Inches)	*Height* 5'0"-5'5"	5'5"-5'8"	5'8"-5'11"	5'11"-6'2"	6'2"-UP
29-31		30S	30R		
31-33	32XS	32S	32R	32L	
33-35	34XS	34S	34R	34L	34XL
35-37	36XS	36S	36R	36L	36XL
37-39	38XS	38S	38R	38L	38XL
39-41	40XS	40S	40R	40L	40XL
41-43	42XS	42S	42R	42L	42XL
43-45		44S	44R	44L	44XL
45-47		46S	46R	46L	46XL
47-48			48R	48L	48XL

Figure 3-4A-1.



1. SLEEVES COVER ALL SUBGARMENT SLEEVES BY 1/2 INCH.
2. LENGTH FALLS ABOUT 1 1/2 INCHES BELOW THE MIDPOINT OF THE KNEE.
3. BACK OF COLLAR COVERS ALL SUBGARMENT COLLARS WITHOUT GAPPING.
4. COAT HANGS FREELY WITHOUT WAIST SUPPRESSION.

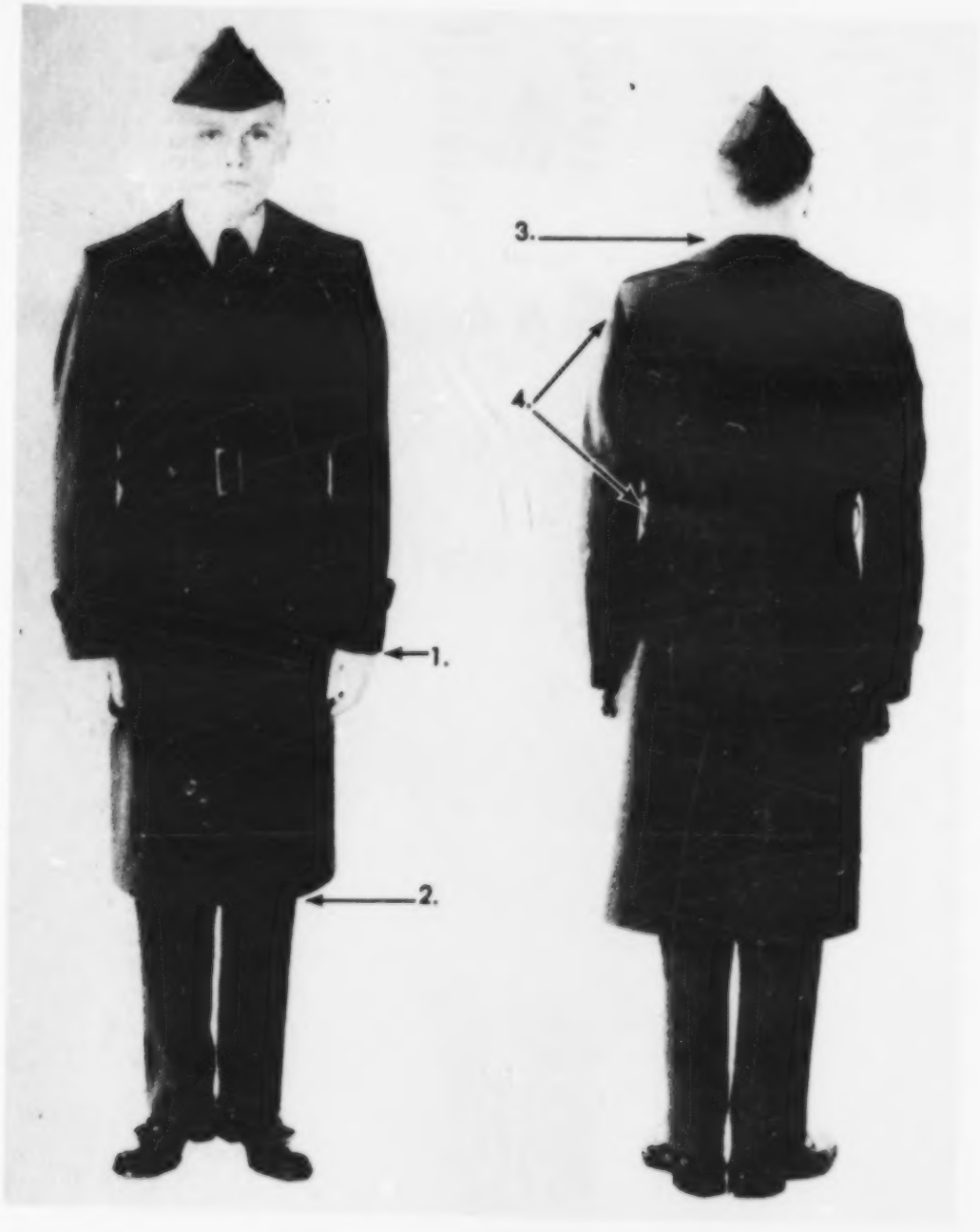
Figure 3-4-2. Proper Fit of all Weather Coat

Figure 3-5. AG44 Overcoat

Size Prediction table for Army Wool Green Overcoat

Chest	*Height*				
(Inches)	5'0"-5'5"	5'5"-5'8"	5'8"-5'11"	5'11"-6'2"	6'2"-up
33-35	36XS	34S	34R	34L	
35-37	38XS	36S	36R	36L	36XL
37-39	40XS	38S	38R	38L	38XL
39-41	42XS	40S	40R	40L	40XL
41-43		42S	42R	42L	42XL
43-45		44S	44R	44L	44XL
45-47			46R	46L	

Figure 3-5-1.



1. SLEEVES COVER ALL SUBGARMENT SLEEVES BY 1/2 INCH.

2. LENGTH FALLS BETWEEN 1 AND 3 INCHES BELOW BOTTOM OF WEARER'S KNEECAP.

3. BACK OF COLLAR COVERS ALL SUBGARMENT COLLARS.

4. BACK TAPERS FROM SHOULDERS TO WAIST WITH THE BELT AT THE NATURAL WAISTLINE.

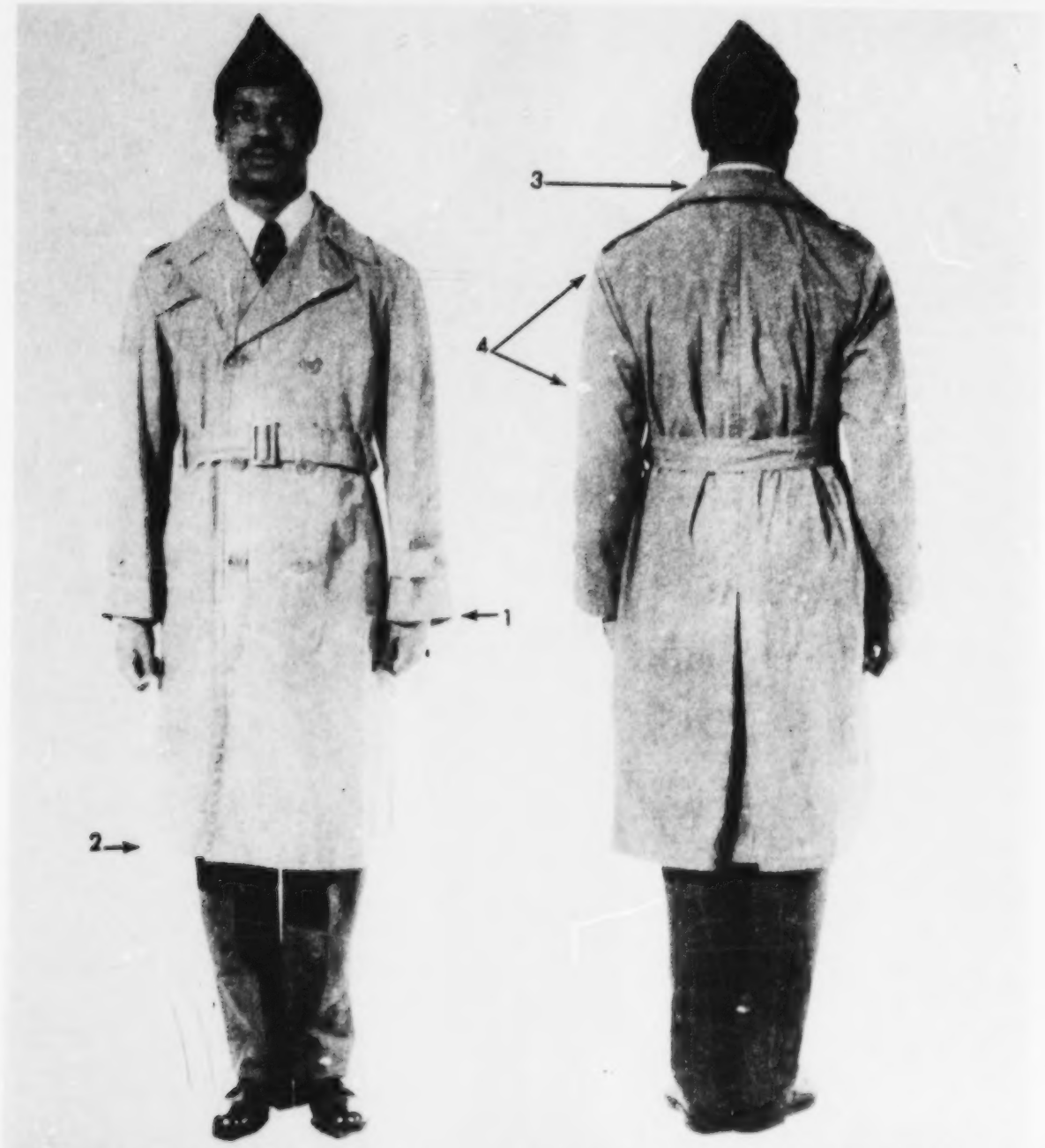
Figure 3-5-2. Proper fit of overcoat, with liner.

Figure 3-6. AG274 Raincoat

Size Prediction table for the Men's Army Green Raincoat

Chest (Inches)	*Height* 5'5"-5'8"	5'8"-5'11"	5'11"-6'2"	6'2"-up
33-35	34S	34R	34L	
35-37	36S	36R	36L	36XL
37-39	38S	38R	38L	38XL
39-41	40S	40R	40L	40XL
41-43	42S	42R	42L	42XL
43-45	44S	44R	44L	44XL
45-47	46S	46R	46L	46XL
		48R	48L	48XL

Figure 3-6-1.



1. SLEEVES COVER ALL SUBGARMENT SLEEVES
2. LENGTH FALLS BETWEEN 3 AND 5 INCHES BELOW BOTTOM OF WEARER'S KNEECAP.
3. BACK OF COLLAR COVERS ALL SUBGARMENT COLLARS.
4. BACK TAPERS FROM SHOULDERS TO WAIST

Figure 3-6-2. Proper fit of raincoat

Figure 3–7–1. Men's Battledress Uniform

Table 3–7–2. Coat, Men's BDU SIZE PREDICTION TABLE

Chest (inches)	Height (inches)	Coat size
Up to 33	59-63	X-Small, X-Short
Up to 33	63-67	X-Small, Short
Up to 33	67-71	X-Small, Regular
33-37	Up to 59	Small, XX-Short
33-37	59-63	Small, X-Short
33-37	63-67	Small, Short
33-37	67-71	Small, Regular
33-37	71-75	Small, Long
33-37	Above 75	Small, X-Long
37-41	Up to 59	Medium, XX-Short
37-41	59-63	Medium, X-Short
37-41	63-67	Medium, Short
37-41	67-71	Medium, Regular
37-41	71-75	Medium, Long
37-41	Above 75	Medium, X-Long
41-45	59-63	Large, X-Short
41-45	63-67	Large, Short
41-45	67-71	Large, Regular
41-45	71-75	Large, Long
41-45	Above 75	Large, X-Long
Above 45	67-71	X-Large, Regular
Above 45	Above 71	X-Large, Long

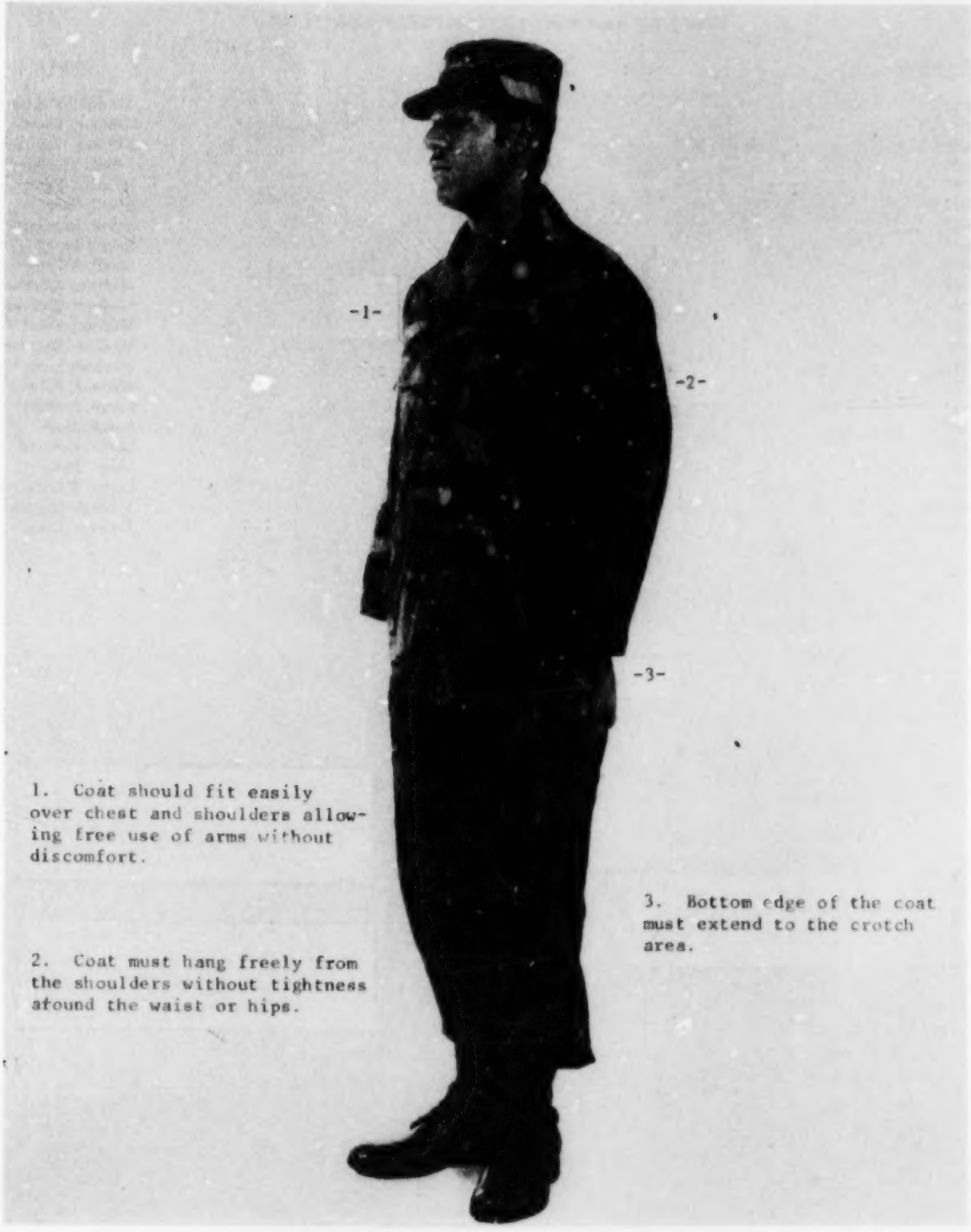

-1-
-2-
-3-
1. Coat should fit easily over chest and shoulders allowing free use of arms without discomfort.
2. Coat must hang freely from the shoulders without tightness afound the waist or hips.
3. Bottom edge of the coat must extend to the crotch area.

Figure 3–7–3. Proper Fit of Coat for Men's Battledress Uniform

Table 3–7–4. Trousers, Men's BDU SIZE PREDICTION TABLE

Waist (inches)	Inseam (inches)	Trouser size
27	Up to 26 1/2	X-Small, X-Short
27	26 1/2 - 29 1/2	X-Small, Short
Up to 27	29 1/2 - 32 1/2	X-Small, Regular
Up to 27	32 1/2 - 35 1/2	X-Small, Long
27-31	Up to 26 1/2	Small, X-Short
27-31	26 1/2 - 29 1/2	Small, Short
27-31	29 1/2 - 32 1/2	Small, Regular
27-31	32 1/2 - 35 1/2	Small, Long
27-31	Over 35 1/2	Small, X-Long
31-35	26 1/2	Medium, X-Short
31-35	26 1/2 - 29 1/2	Medium, Short
31-35	29 1/2 - 32 1/2	Medium, Regular
31-35	32 1/2 - 35 1/2	Medium, Long
31-35	Over 35 1/2	Medium, X-Long
35-39	26 1/2 - 29 1/2	Large, Short
35-39	29 1/2 - 32 1/2	Large, Regular
35-39	32 1/2 - 35 1/2	Large, Long
35-39	Over 35 1/2	Large, X-Long
Over 39	26 1/2 - 29 1/2	X-Large, Short
Over 39	29 1/2 - 32 1/2	X-Large, Regular
Over 39	32 1/2 - 35 1/2	X-Large, Long

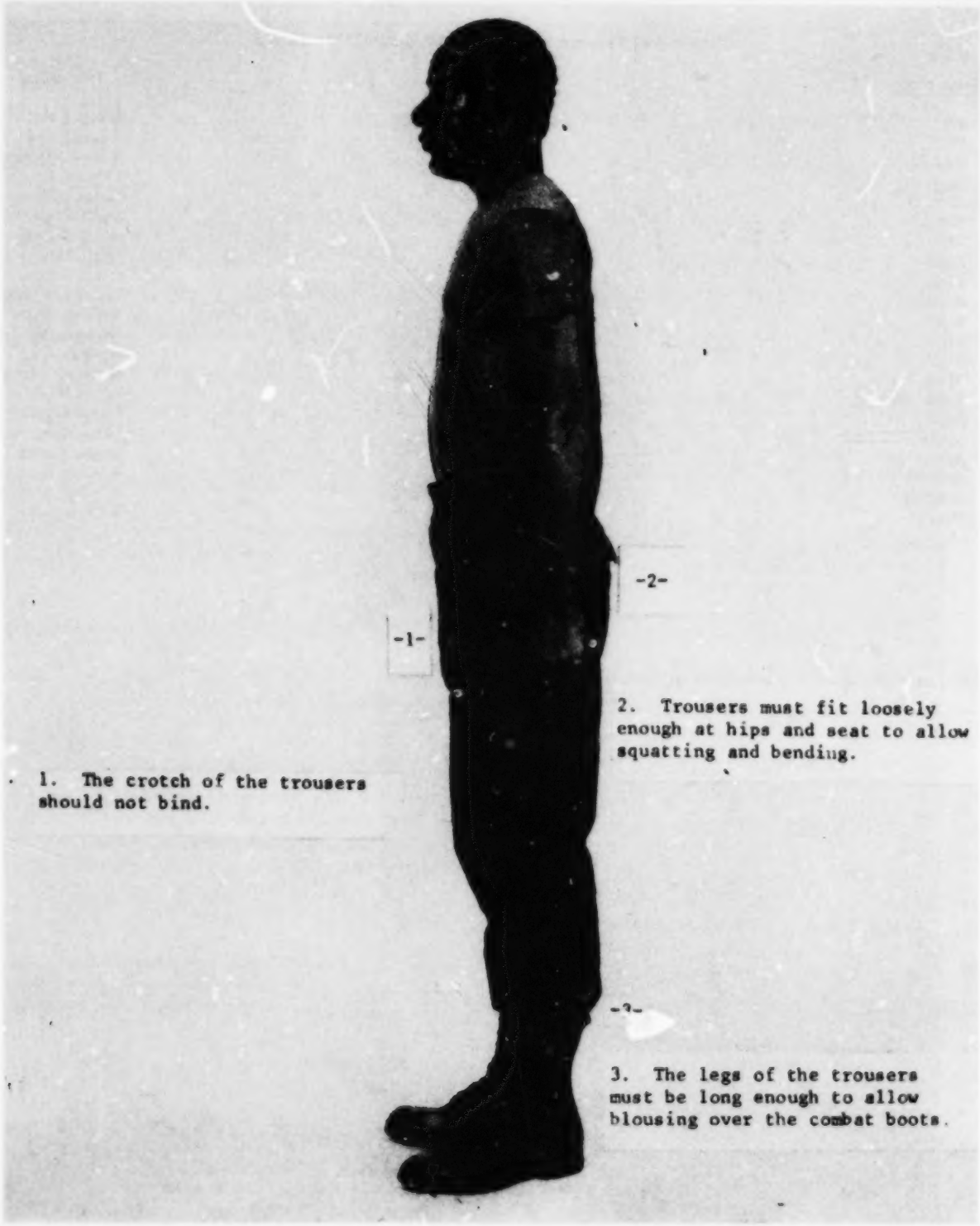

-2-
-1-
2. Trousers must fit loosely enough at hips and seat to allow squatting and bending.
1. The crotch of the trousers should not bind.
3. The legs of the trousers must be long enough to allow blousing over the combat boots.

Figure 3–7–5. Proper Fit of Trousers for Men's Battledress Uniform

Table 3–7–6. Cap, Men's BDU SIZE PREDICTION TABLE

Size	Inside Cap Measurements
6 3/8	20 2/8
6 1/2	20 1/2
6 5/8	20 7/8
6 3/4	21 1/4
6 7/8	21 5/8
7	22
7 1/8	22 3/8
7 1/4	22 3/4
7 3/8	23 1/8
7 1/2	23 1/2
7 5/8	23 7/8
7 3/4	24 1/4

A plus or minus tolerance of 1/4 inch is allowed for each head measurement.

Figure 3-7-7. Proper Fit of Cap, Men's Battledress Uniform

CHAPTER 4

FITTING OF WOMEN'S UNIFORMS

4-1 Women's Army Green Coat and Skirt Uniform. The women's Army Green uniform (fig. 4-1) consists of a long sleeve coat, matching skirt, a white or green shirt, and a black beret.

a. Design.

(1) *Coat.* The women's Army Green coat is a long sleeve, single-breasted, hip length coat. It has an open collar, four button front closure, button down shoulder loops, and slanted front hip pockets.

(2) *Skirt.* The women's Army Green skirt is an unhemmed six gored style skirt, with concealed zipper closure, and sewn-on waistband with a two button closure on the left side.

(3) *Shirt.*

(a) Army Green Shade 415 shirt. The women's AG 415 shirt is available in both long and short sleeve styles. It has a cut-away front with top stitched dart detail. The short sleeve shirt has a convertible collar designed to be worn with or without the necktab. The long sleeve shirt has a stand collar which will always be worn closed and with the necktab. Both shirts can be worn either tucked inside the skirt or worn outside the skirt as an overblouse (fig. 4-1-1).

(b) Army White shirt. The womens white shirt is a hip length tuck-in style shirt with six-button front closure. It has short cuffed sleeves and rounded collar with permanent collar tab.

(4) *Beret.* The beret consists of a fur felt outer shell with a feature fold side designed to be worn on the right side.

b. Material.

(1) *Coat and Skirt.* The womens coat and skirt uniform may be made of the following material:

(a) Wool serge, 12-ounce weight, Army Green Shade 44, fully lined.

(b) Polyester/Wool fabric in tropical weave, 10-ounce weight, Army Green Shade 344, partially lines.

(2) *Shirt.*

(a) Army Green Shade 415 shirt. Precured durable press polyester-cotton broadcloth, stock dyed yarn in end-to-end configuration, 3.2-ounce weight per square yard.

(b) Army White Shirt. The womens white shirt is made of polyester-cotton broadcloth.

(3) *Beret.* The women's beret is made of fur fiber from rabbit skin, Army Black shade 398.

c. Sizing System.

(1) *Coat.* The womens AG 44 and AG 344 coats are available in two-size increments from size 8 through size 20. Most sizes are available in extra short (XS), short (S), short-plus (S+), regular (R), regular-plus (R+) and long (L).

(2) *Skirt.* The womens AG 44 or AG 344 skirts are available in two-size increments, from size 8 through size 20. The skirts are also available in four junior sizes, 9, 11, 13 and 15. Womens sizes are available in lengths, extra-short (XS), short (S), short-plus (S+), regular (R), regular-plus (R+), and long (L).

(3) *Shirts.* Womens white shirts are available in sizes 6 through 20 and are normally issued in the same size as the Army Green coat. The women's green long and short sleeve shirts are available in sizes short; 6 through 18, regular; 4 through 20, long; 4 through 20 and extra long; 8 through 14. The long sleeve shirt has two sleeve lengths for each size.

(4) *Beret.* The women's beret is provided in ½-inch size increments from size 20 through size 25.

d. General Fitting Procedures.

(1) *Subgarments.*

(a) Shirt. Subgarments for the shirt try-on are the items of underwear normally worn.

(b) Coat and Skirt. Subgarments for the coat and skirt try-on are the items of underwear normally worn and the Army Green Shade 415, or Army White shirt.

(2) *Measurements.* The bust, waist, hip, backwaist length, and height measurements are required.

(3) *Selection of Try-on Garment.* Use the individual's measurements and refer to the size prediction table (fig. 4-1-2) for the size of the initial try-on garment.

(4) *Alterations.* The following alterations are authorized for the coat and skirt uniform.

(a) Coat.

1. Bottom. The coat hemline may be straightened or shortened, with shortening only authorized when the coat is out or proportion to the individual's height by 1-inch or more. For example, if a short woman requires a regular length coat to fit her backwaist length, the coat will require shortening so the length is correctly proportioned for her height.

2. Back-Waist Length. The waistline may be raised or lowered by adjusting the back and side seams.

3. Bust. The bust seams may be taken in or reshaped. This alteration is difficult and time-consuming and should be avoided when possible.

4. Hip. The back and side seams may be adjusted to hip size, as long as the coat balance is maintained.

5. Shoulders. The coat shoulders may be raised or lowered by adding or removing shoulder pads.

(b) Skirt.

1. Hips, waist, and waistband. Gore seams and waistband may be altered to hip and waist size, as long as the skirt balance is maintained.

2. Length. The skirt length may be altered to desired length by adjusting the skirt hem. The finished hem should be uniform and 3-inches wide.

(c) Shirt.

1. No alterations are authorized for the women's white shirt.

2. The women's green shirts can be tapered at the front and back side body seams. Also, the long sleeves can be shortened only if they are one inch or more excess length. The buttons or cuffs may be set over.

(d) Beret. Alteration of the beret is not authorized.

(5) *Final Check for Proper Concept of Fit.* The uniform is designed to fit the figure easily with smooth tailored lines.

(a) Shirt, Green or White.

1. Collar. The shirt collar should fit the neck without bulging (fig. 4-1-1).

2. Back and Shoulders. The shirt should fit smoothly across the back and shoulders (fig. 4-1-1).

3. Bust. The shirt should fit over the bust without strain (fig. 4-1-1).

(b) Skirt. The skirt viewed from the front and back, should continue the slender lines of the coat without flaring at the sides.

1. Waist and hips. The skirt should fit snugly at the waist and smoothly over the hips so it doesn't drape in folds. The center of the skirt waistband should be at the natural waistline (fig. 4-1-1).

2. Length. The skirt length is determined by the individual's height, but must fall somewhere between 1-inch above and 2-inches below the midpoint of the knee (fig. 4-1-1).

(c) Coat. The AG 44 Wool coat and the AG 344 lightweight coat are the same design but the AG 344 coat is slightly less fitted.

1. Back and Shoulders. The coat should fit smoothly across the back and shoulders (fig. 4-1-3).

2. Bust. The coat should fit across the bust without strain (fig. 4-1-3).

3. Hips and Waist. The coat should fit easily over the hips, and conform to the waistline curve without blousing. The bottom button of the coat should fall approximately one inch below the natural waistline. The coat front, below the waist, must overlap without pulling or gapping so the front of the coat will present a straight line from the top button to the coat hem (fig. 4-1-3).

4. Length. The length of the coat is determined by the individual's backwaist measurement and with few exceptions, will be correctly proportioned if the coat is properly fitted in other areas (fig. 4-1-3).

5. Sleeves. The sleeves of the coat should fall about 1-inch below the bottom of the wristbone (fig. 4-1-3).

(d) Beret. The beret is worn tilted slightly to the back of the head, and will not be worn forward of the hairline in the front. The insignia on the front of the beret is worn centered on the forehead, not over one eye. The beret should not be crushed, flattened, dented, or otherwise reshaped.

4-2 Army Green Pantsuit. The Army Green Pantsuit uniform (fig. 4-2) consists of an Army Green jacket and slacks, an Army Green tunic, Army Green Shade 415 shirt, or Army white shirt, and a black beret.

a. Design.

(1) *Jacket.* The Army Green pantsuit jacket is a long sleeve, below hip length, single breasted, fully lined jacket. It has an open collar and lapels, button down shoulder loops, five button front closure, two slant-top front pockets and two back vents. The jacket is designed to fit the figure easily with smooth tailored lines. The lines of the jacket are semi-fitted with lightly padded shoulders, straight hipline and slightly suppressed waist.

(2) *Slacks.* The Army Green pantsuit slacks have straight unhemmed legs with slightly flared bottoms, darts to fit in front and back, a pocket on the right side, adjustable waistband with elastic across the back, and a zipper closure on the left side. The pantsuit slacks continue the slender lines of the jacket without flaring at the sides.

(3) *Shirt.* The following shirts are authorized for wear with the Army Green jacket and slacks.

(a) Tunic. The Army Green tunic is a hip length pullover top with a turtle neck collar. It has a back neck zipper closure and a finished bottom hem, designed to be worn outside of the slacks.

(b) Army Green Shade 415 Shirt. The women's Army Green shade 415 shirt, available in both long and short sleeves, is designed to be worn either tucked inside the slacks or worn outside (fig.

4-2-1) as an overblouse. It has cut-away plain front with top-stitched dart detail. The short sleeve shirt has a convertable collar designed to be worn with or without a necktab. The long sleeve shirt has a stand collar which will always be worn closed and with the necktab.

(c) Army White Shirt. The Army white polyester/cotton shirt is a hip length tuck-in style shirt with a six-button front closure. It has short cuffed sleeves and rounded collar with permanent black collar tabs.

(4) Beret. The beret consists of a fur felt outer shell with a feature fold designed to be worn on the right side.

b. Material

(1) *Jacket and Slacks.* The Amry Green pantsuit jacket and slacks may be made of one of the following materials:

(a) Polyester and wool blended fabric in gabardine weave, 10.6 ounce weight, Army Green shade 344.

(b) 100% polyester warp knit, 6.9 ounce weight, Army green Shade 444.

(2) *Shirts.*

(a) Tunic. 100% polyester rib knit, 5.5 ounce weight, Army green shade 413.

(b) Army green shade 415 shirts. Precured durable press 65% polyester-35% cotton broadcloth, stock-dyed yarn in end-on-end configuration, 3.2 ounce weight per square yard.

(c) Army White Shirt. The Army white shirt is made of a polyester/cotton broadcloth.

(3) *Beret.* The women's beret is made of fur fiber from rabbit skin, Army Black shade 398.

c. Sizing System. The Army Green pantsuit is provided in numerical sizes, from size 6 through size 22, each with a regular size (0), and a plus size (+) when more room is required at the waist and hips. The tunic and shirts will usually be the same size as the jacket.

d. General Fitting Procedures.

(1) *Subgarments.* The subgarments for the Army Green pantsuit are the underwear normally worn and the Army Green shade 415 shirt, white shirt or tunic.

(2) *Measurements.*

(a) Tunic and green shirts. The bust and backwaist length measurements are required. The white shirt requires the bust measurement only.

(b) Jacket and slacks. The bust, waist, hip, back-waist length, and height measurement are required.

(3) *Selection of Try-on Garment.*

(a) Tunic and shirts. Use the individual's bust and back-waist length measurements and refer to the size prediction table (fig. 4-2-2) for selection of the initial try-on size.

(b) Jacket. Use the individual's bust, waist, hip and back-waist length measurements and refer to the size prediction table (fig. 4-2-2) for selection of the initial try-on size. The waist and hip measurement will determine if a regular (0), or a plus (+) size jacket is required. The back-waist length will determine the length of the jacket.

(c) Slacks. Use the individual's waist, hip and height measurements and refer to the size prediction table (fig. 4-2-2) for selection of the initial try-on size. The waist and hip measurements will determine if a regular (0), or plus (+) size is required, and the height measurement determines the length of the slacks.

(4) *Alterations.*

(a) Tunic. The only alteration authorized for the tunic is the adjustment of the sleeve length to reach a point 1-inch below the center of the wrist-bone.

(b) Green or white shirt. No alteration are authorized for the womens green or white shirt.

(c) Jacket. The following alterations are authorized for the AG 344 pantsuit jacket.

1. Shoulders. The jacket shoulders may be raised or lowered by adding or removing shoulder padding.

2. Armhole. The jacket armhole may be enlarged by removal of the shoulder wadding (sleevehead).

3. Hips. The side seams may be taken in or let out to provide hip size as long as the correct jacket balance is maintained.

4. Sleeves. The sleeves may be adjusted to reach a point 1-inch below the bottom of the wrist-bone. The sleeves of the green shirt and tunic should not show below the jacket sleeve.

(d) Slacks. The following alterations are authorized for the AG 344 pantsuit slacks:

1. Waist and waistband. The waistband and darts may be altered as long as the slack balance is maintained. Because of the elastic waistband, this alteration is rarely necessary.

2. Bottom, The length of the slacks may be hemmed so the bottom rests on the top of the instep in the front and about 1-inch above the heel in the back.

3. Hip. The side seams may be adjusted to hip size. Side seams must be centered at the sides and hang straight to the bottom.

(e) Beret. Alteration of the beret is not authorized.

(5) *Final Check for Proper Concept of Fit.*

(a) Tunic.

1. Back and Shoulders, The tunic must fit

smoothly across the back and shoulders (fig. 4-2-3).

2. Bust, The tunic must fit easily across the bust (fig. 4-2-3).

3. Sleeves. The sleeves should fall about 1-inch below the center of the wristbone and must not be visible when the jacket is worn (fig. 4-2-3).

4. Hips. The tunic must fit easily across the hips (fig. 4-2-3).

(b) Green or white shirt.

1. Collar. The shirt collar should fit the neck snugly without bulging (fig. 4-2-1).

2. Shoulders. The shirt should fit smoothly across the back and shoulders (fig. 4-2-1).

3. Bust. The shirt should fit over the bust without strain (fig. 4-2-1).

4. Sleeves. The sleeves of the long sleeve green shirt should fall about 1-inch below the center of the wristbone and should not be visible when the jacket is worn.

5. Hips. When the green shirt is worn as an overblouse, it must fit easily over the slacks and not "ride up" at the center back.

(c) Slacks.

1. Hips and waist. The slacks must fit snugly at the waist and smoothly over the hips. The center of the waistband should be at the natural waistline (fig. 4-2-1).

2. Length. The bottom of the slacks should rest on the top of the instep in the front, and 1-inch above the top of the heel in the back when wearing the standard service shoes (fig. 4-2-1).

(d) Jacket. Completely button the jacket and check the following points:

1. Shoulders. The jacket must fit smoothly acorss the back and shoulders (fig. 4-2-4).

2. Bust. The jacket must fit over the bust without strain (fig. 4-2-4).

3. Sleeves. The sleeves of the jacket should fall approximately 1-inch below the bottom of the wristbone (fig. 4-2-4).

4. Hip and waist. The jacket must fit loosely over the hips and have a slightly suppressed waist. To present a straight line from the top button to the jacket hem, the jacket front, below the waist, should overlap without pulling or gapping. The back vent must also overlap without pulling or gapping (fig. 4-2-4).

5. Length. The jacket is designed so the jacket length, with few exceptions, will be correctly proportioned when the jacket size is correct in other areas. The jacket and sleeve lengths are determined by the wearer's height, as shown on the size prediction table (fig. 4-2-2), taking into consideration the effect of the back-waist length measurement because of the differences in short and long waisted figure types.

(e) Beret. The beret is worn tilted slightly to the back of the head, and will not be worn forward of the hairline in the front. The insignia on the front of the beret is worn centered on the forehead, not over one eye. The beret should not be crushed, flattened, dented, or otherwise reshaped.

4-3 OG 507 Utility Uniform. The womens OG 507 utility uniform (fig. 4-3) consists of a long sleeve OG 507 shirt and OG 507 trousers. (This is the same uniform worn by the men).

a. Design.

(1) *Shirt.* The OG 507 utility shirt has two front breast pockets with flaps, long sleeves, and six-button front closure.

(2) *Trousers.* The OG 507 utility trousers have four patch pockets (two slash pockets in front and two pockets with flaps in back), finished bottoms, and zipper front closure with a button at the top of the waistband.

b. Material. Both the shirt and trousers are made of an Olive Green shade 507 polyester/cotton durable press fabric.

c. Sizing System.

(1) *Shirt.* The long sleeve shirt is available in 1-inch neck size increments from size 13½ through 18½. Sleeve lengths are available in 2-inch size increments.

(2) *Trousers.* Trousers waist sizes are available in 2-inch increments. from size 26 through 46. The trousers have finished bottoms and are available in 2-inch increments for inseam lengths 29 through 35.

d. General Fitting Procedures. When fitting the OG 507 utility uniform, it should be remembered that the uniform will also be worn over winter underwear.

(1) *Shirt, utility OG 507.*

(a) Subgarments. The cotton undershirt is required for proper fitting of the utility shirt.

(b) Measurements. The neck and sleeve length measurements are required in accordance with STANAG 2335.

(c) Selection of Try-on Garment. Use the neck and sleeve measurements to select the try-on garment. (Size prediction table is not required, shirts are marked with the neck and sleeve measurements on the label.)

(d) Alterations. No alterations are authorized for the OG 507 shirt, except in cases where the correct sleeve length is not available. Then and then only, may the sleeve be altered as much as 1½-inches.

(e) Final Check for Proper Concept of Fit.

Completely button the shirt and check the following points:

1. Bust. The shirt should fit over the bust without strain (fig. 4-3-1).

2. Shoulders. The shirt should fit easily over the shoulders allowing free use of the arms (fig. 4-3-1).

3. Sleeves. The sleeves should be 1-inch below the center of the wristbone (fig. 4-3-1).

(2) *Trousers, Utility OG 507.*

(a) Subgarments. Subgarments required for fitting the OG 507 trousers are the cotton undershirt, OG 507 utility shirt, and socks and combat boots.

(b) Measurements. The waist and inseam lengths are required in accordance with STANAG 2335.

(c) Selection of Try-on Garments. Select the try-on garment using the waist and inseam measurements. (Size prediction table not required, trousers are labeled with the waist and inseam measurements).

(d) Alterations. Alteration of the OG 507 trousers is not authorized.

(e) Final Check for Proper Concept of Fit. When fitting the OG 507 trousers, an exact fit in not required. Fit the trousers with the bottom of the waistband resting at the top of the hipbone and check the following points:

1. Hips. The trousers must fit loosely at the hips to allow freedom of movement (fig. 4-3-1).

2. Length. The trouser legs must be long enough to blouse over the combat boots (fig. 4-3-2).

3. Waist. The trousers must fit easily at the waist without bulging.

4-4. Army Green shade 388 skirt and jackets uniform. The Army green shade 388 skirt and jacket uniforms (fig. 4-4) consists of a long sleeve jacket, short sleeve jacket, matching skirt, and black beret.

a. Design.

(1) *Long Sleeve Jacket.* The long sleeve jacket is designed with modified princess lines. It is a single breasted, hip length jacket with an open notched collar, four button front closure, button down shoulder loops and two inside hanging pockets with flaps.

(2) *Short Sleeve Jacket.* The short sleeve jacket is a single breasted jacket with short cuffed sleeves. It is slightly below the waist in length and has a four button front closure, open notched collar and button down shoulder loops.

(3) *Skirt.* The skirt is a six panel, knee length skirt, slightly flared at the bottom. It has an elastic waistband with a zipper closure on the left side.

(4) *Beret.* The beret consists of a fur felt outer shell with a feature fold on the right side.

b. Material.

(1) *Skirt and Jackets.* The skirt and jackets are made of 100% polyester warp knit fabric, 6.9 ounce weight, Army Green Shade 388.

(2) *Beret.* The women's beret is made of fur fiber from rabbit skin, Army Black Shade 398.

c. Sizing System.

(1) *Skirt and Jackets Uniform.* The AG 388 skirt and jackets uniform is provided in numerical sizes, size 6 through 22. The skirt and long sleeve jacket are also provided in a regular (0) and a plus (+) hip size. The short sleeve jacket is provided in a regular (0) hip size only.

(2) *Beret.* The women's beret is provided in ½-inch increments from size 20 through 25.

d. General Fitting Procedures.

(1) *Subgarments.* The subgarments for the AG 388 skirt and jackets uniform are the items of underwear normally worn.

(2) *Measurements.* The bust, waist, back-waist length and hip measurements are required.

(3) *Selection of Try-on Garment.*

(a) Long and Short sleeve jackets. Use the individual's bust, waist, back-waist length, hip and height measurement and refer to the size prediction table (fig. 4-4-1) to determine the correct size jacket for initial try-on. The waist and hip measurements will determine if regular (0) or plus (+) hip size is needed. The back-waist measurement determines the length of the jacket. The jackets are designed to fit the figure easily with smooth tailored lines.

(b) Skirt. Use the individual's waist, hip, and height measurements and refer to the size prediction table (fig. 4-4-1) for the correct size skirt for initial try-on. The waist and hip measurement will determine if regular (0) or plus (+) hip size is needed. The height measurement will determine the length of the skirt. The skirt is designed to fit the figure easily with smooth tailored lines.

(c) Beret. Use the individual's actual head measurement for selection of try-on size.

(4) *Alterations.* The following alterations are authorized for the AG 388 uniform.

(a) Long Sleeve Jacket.

1. Hips and waist. The back and side seams may be altered to hip and waist size, as long as the jacket balance is maintained.

2. Back-Waist Length. The back and side seams may be altered to slightly raise or lower the waistline.

3. Length. The jacket may be straightened across the back and sides, but may not be shortened or lengthened at the bottom because of the curved front.

4. Sleeves. The sleeves may be altered so

they will fall about 1-inch below the center of the wristbone.

(b) Short Sleeve Jacket.

1. Hips and Waist. The back and side seam may be altered to hip and waist size as long as the jacket balance is maintained.

2. Back-Waist Length. The back and side seams may also be altered to slightly raise or lower the waistline.

(c) Skirt.

1. Hips. The side and/or back seams may be altered to hip size. Side seams must be centered at the sides and hang straight to the hem.

2. Waist. The waistband may be altered to wiast size, as long as the skirt balance is maintained.

3. Length. The skirt length may be altered so the bottom will fall somewhere between 1-inch above and 2-inches below the center of the knee. The skirt should be finished with a uniform 2-inch hem.

(d) Beret. Alteration of the beret is not authorized.

(5) *Final Check for Proper Concept of Fit.* Completely button the jacket (each jacket must be checked separately) and check the following points:

(a) Shoulders. The jacket should fit smoothly across the back and shoulders (fig. 4-4-2).

(b) Bust. The jacket should fit over the bust without strain (fig. 4-4-2).

(c) Sleeves.

1. Short Sleeve Jacket. The short sleeve jacket is designed so the sleeves will be correctly proportioned when the jacket size is correct in other areas (fig. 4-4-2).

2. Long Sleeve Jacket. The sleeves of the long sleeve jacket should be about 1-inch below the center of the wristbone (fig. 4-4-3).

(d) Hips and Waist.

1. Short Sleeve Jacket. The short sleeve jacket should hang straight with a very slight suppression at the waist, resting loosely on the hips. It is fitted loosely in the front and back and the hemline should stand slightly away from the body (fig. 4-4-2).

2. Long Sleeve Jacket. The long sleeve jacket should be semi-fitted and conform to the waistline curve without blousing. The bottom button of the jacket should fall slightly below the waistline. The jacket front, below the waist, must overlap without pulling or gapping so the jacket will present a straight line from the top button to the jacket hem (fig. 4-4-3).

3. Skirt. The skirt should fit snugly at the waist and smoothly across the hips. The center of the skirt waistband should be at the natural waistline (fig. 4-4-2).

(e) Length.

1. Jackets. The jacket length is determined by the individual's height and back waist length and will be, with few exceptions, correctly proportioned if the jacket is properly fitted in other areas (fig. 4-4-2).

2. Skirt. The skirt length is determined by the individual's height, and must fall somewhere between 1-inch above and 2-inches below the center of the knee (fig. 4-4-2).

(f) Beret. The beret is worn tilted slightly to the back of the head, and will not be worn forward of the hairline in the front. The insignia on the front of the beret is worn centered on the forehead, not over one eye. The beret should not be crushed, flattened, dented, or otherwise reshaped.

4-5. Coat, All Weather, Black 385. The All Weather coat (fig. 4-5), consists of a black raincoat, black zip-in liner and black detachable havelock.

a. Design.

(1) *Raincoat.* The raincoat is a full length single-breasted coat with two slash pockets on the front, detachable shoulder loops, three button fly front and center back vent.

(2) *Liner.* The detachable single ply liner has button loops at the bottom of each sleeve and a zipper around the edge for attaching the liner to the coat.

(3) *Havelock.* The havelock has an adjustable front closure and is desinged to be fitted over authorized headgear.

b. Material.

(1) *Raincoat and Havelock.* The material of both the raincoat and havelock is identical as to the following features: it is made of 20% polyester and 50% cotton poplin; the weight is 6.0 ounces; the color is Army black shade 385; it has water and soil repellant treatment and has a durable crease resistant finish.

(2) *Liner.* The liner is made of knitted acrylic pile fabric, 11.5 ounce weight, Army black shade 410.

c. Sizing System. The raincoat is provided in numerical sizes, with two size increments from size 6 through 20 and is available in three lengths short (S), regular (R), and long (L).

d. General Fitting Procedures.

(1) *Subgarments.* The Army Green coat and shirt uniform, or the Army green pantsuit is worn as the subgarment for the raincoat try-on.

(2) *Measurements.* The bust and height measurements are required.

(3) *Selection of Try-on Garment.* Using the bust and height measurements, refer to size prediction

table (fig. 4–5–1) for the size of the initial try-on garment. If the individual's measurements are close to the minimum or maximum indicated on the size prediction table, select two sizes for try-on.

(4) *Alterations.* The only alterations authorized are the shortening of the sleeves, adjustment or realignment of buttons, as long as coat balance is maintained, and adjustment of the raincoat length. When shortening the sleeves, measure and mark each sleeve individually.

(5) *Final Check for Proper Concept of Fit.* To insure proper "Concept of Fit", attach liner and completely button the coat, checking the following points.

(a) Collar. When buttoned, the raincoat collar must fit close at the neck without gapping or overlapping. The collar must cover the collar of all subgarments (fig. 4–5–2).

(b) Back, Shoulders, and Bust. The raincoat must fit comfortably over the shoulders and bust and lie smoothly across the back. When properly fitted, the raincoat will allow free use of the arms without pulling or giving discomfort to the wearer (fig. 4–5–2).

(c) Hips and Waist. The raincoat must hang freely from the shoulders without waist suppression or tightness around the hips (fig. 4–5–2).

(d) Length. The raincoat should be about 1-inch longer than the skirt worn under it, but not less than 1 1/2-inches below the midpoint of the knee (fig. 4-5-2).

(e) Sleeves. The raincoat sleeves must cover the sleeves of all subgarments (fig. 4-5-2).

4-6. Women's Overcoat With Liner.

The women's overcoat (fig. 4–6) consists of a long sleeve overcoat and detachable liner.

a. Design.

(1) *Overcoat.* The women's overcoat is a fully lined, full length, double-breasted box-style coat with a button front closure. It has a convertible rounded collar, buttoned-down shoulder loops, two slash pockets on the front, and buttons on the inside for attaching the liner.

(2) *Liner.* The overcoat liner is a three-quarter length, box-styled liner with buttonholes along the front edges and at the bottom of each sleeve for attaching it to the overcoat. The liner may also be worn with the women's Army green raincoat.

b. Material.

(1) *Overcoat.* The overcoat is made of a 14.5 ounce wool gabardine, Army green shade 44. It is lined with a 3.2 ounce rayon-twill fabric Army green shade 45.

(2) *Liner.* The liner is made of napped back rayon satin (89% rayon and 11% acrilan), bound with a bias binding made of the lining fabric.

c. Sizing System. The overcoat is provided in 2 size increments, from size 8 through size 20. Sizes 8 through 16 are available in four lengths: extra short (XS), short (S), regular (R), and long (L). Sizes 18 and 20 are only available in three lengths: short (S), medium (M), and long (L).

d. General Fitting Procedures.

(1) *Subgarments.* The subgarments for the overcoat try-on are the underclothing normally worn, the AG 344 uniform, and the overcoat liner.

(2) *Measurements.* The bust, height, and hip measurements are required.

(3) *Selection of Try-on Garment.* Use the individual's bust, height, and hip measurements and refer to the size prediction table (fig. 4–6–1) for the initial try-on size.

(4) *Alterations.* The following alterations are authorized for the womens overcoat.

(a) Bottom. The overcoat bottom hem may be straightened, shortened, or lengthened, so it will be 1-inch longer than the AG 344 skirt.

(b) Buttons. The position of the buttons may be adjusted to improve the front closure, as long as the rows of buttons are straight from the top to bottom and the jacket balance is maintained.

(c) Shoulders. The shoulders of the overcoat may be raised or lowered by adding or removing some of the padding. Complete removal of the shoulder padding is not authorized.

(d) Sleeves. The overcoat sleeves may be shortened or lengthened so they will be about 1-inch longer than the sleeves of the AG 344 uniform coat. The sleeves of the overcoat liner can only be shortened.

(5) *Final Check for Proper Concept of Fit.* The overcoat liner must be attached for try-on purpose. Completely button the overcoat, except at the neck and check the following points.

(a) Bust. The overcoat must fit across the bust without strain (fig. 4–6–2).

(b) Hips. The overcoat should fit easily over the hips so the front closure hangs straight without gapping or overlapping diagonally. When fully buttoned, the overcoat should not restrict the wearer's stride (fig. 4–6–2).

(c) Shoulders. The overcoat should fit smoothly across the back and shoulders (fig. 4–6–2).

(d) Sleeves. The overcoat sleeves should be about 1-inch longer than the sleeves of the AG 344 uniform coat (fig. 4–6–2).

(e) Length. The overcoat should be about 1-inch longer than the AG 344 skirt (fig. 4–6–2).

4–7. Women's AG 274 Raincoat and Havelock

a. Design.

(1) *Raincoat.* The AG 274 raincoat is a double-breasted, belted, trench type raincoat with plain buttons, two-way access hanging pockets, shoulder loops, and storm shields, on both right and left sides.

(2) *Havelock.* The detachable havelock is visor-styled and has an adjustable front closure. It is designed to be fitted over authorized headgear.

b. Material. The raincoat and havelock are made of a cotton and polyester quarpel treated cloth, Army green shade 274. The raincoat sleeves are lined with a 3-ounce nylon oxford material.

c. Sizing System. The AG 274 raincoat is available in 2 size increments from size 8 through size 20. Each size is available in three lengths; short (S), regular (R) and long (L).

d. General Fitting Procedures.

(1) *Subgarments.* The subgarments for the raincoat try-on are the underclothing normally worn, and the AG 344 uniform.

(2) *Measurements.* The bust, height and hip measurements are required.

(3) *Selection of Try-on Garment.* Use the individual's bust, height and hip measurements and refer to the size prediction table (fig. 4-7) for the size of the initial try-on garment.

(4) *Alterations.* The following alterations are authorized for the AG 274 raincoat.

(a) Bottom. The raincoat bottom may be straightened or shortened.

(b) Buttons. The position of the buttons may be adjusted to improve the front closure, as long as the jacket balance is maintained.

(c) Sleeves. The raincoat sleeves may be shortened or lengthened.

(5) *Final Check for Proper Concept of Fit.* The raincoat is designed to be worn belted at the natural waistline, with the fullness arranged to fall in easy folds from the waist to the bottom hem. The raincoat must fit loosely enough to allow the overcoat liner to be worn under it, if desired. With the raincoat belted and completely buttoned, check the following points:

(a) Back and Shoulders. The raincoat should fit loosely across the back and shoulders.

(b) Bust The raincoat should fit loosely over the bust.

(c) Hips. The raincoat should fit loosely over the hips so the front closure hangs straight without gapping or overlapping diagonally. When fully buttoned, the raincoat should not restrict the wearer's stride.

(d) Length. The bottom of the raincoat should be about 1-inch longer than the AG 344 skirt hem.

(3) *Neck.* The raincoat should fit closely at the neck without gapping or overlapping.

(e) Sleeves. The sleeves of the raincoat should be about 1-inch longer than the sleeves of the AG 344 coat.

(f) Waist. The belt of the raincoat should be at the natural waistline.

4–8 Women's Battledress Uniform

The Women's Battledress Uniform (fig. 4–8–1) consists of a "bush-type" coat, trousers and a field cap. The uniform is dyed in a woodland camouflage pattern. (This is the same uniform worn by men.)

a. Design.

(1) *Coat.* The coat has four bellows type patch pockets with flaps (one on both the lower left and right fronts and one on the left and right breast), a concealed front button closure, a straight cut bottom, elbow patches and long sleeves with tabs.

(2) *Trousers.* The trousers have a button front fly, two waist adjustment straps, right and left hip pockets with flaps and two side hanging pockets, right and left cargo pockets with flaps, seat and knee patches and leg hem drawcords.

(3) *Cap.* The cap is visor style with a circular top crown and retractable earlaps.

b. Material.

(1) *Coat and Trousers.* The coat and trousers are made of 50% nylon and 50% cotton twill cloth, dyed in a woodland camouflage pattern.

(2) *Cap and Lining.* The cap is made of cotton wrap, nylon filling, oxford cloth, quarpel treated. The cap is lined with self material except for the flannel lined earlaps. Earlaps are wool and cotton flannel olive green shade 108.

c. Sizing System.

(1) *Coat.* The coat is available in 22 sizes. Extra-small through extra-large in extra-extra-short through extra-long lengths.

(2) *Trousers.* The trousers are available in 21 sizes; extra-small through extra-large in extra-short through extra-long lengths.

(3) *Cap.* The cap is available in 12 sizes with 1/8 inch increments from size 6 3/8 through 7 3/4.

d. General Fitting Procedures. Although the cotton undershirt and underwear are normally worn under the Battledress Uniform, the winter underwear may also be worn.

(1) *Coat.*

(a) Subgarments. The cotton undershirt is required for proper fitting of the battledress coat.

(b) Measurements. The chest and height measurements are needed for selection of the proper size and try-on garment.

(c) Try-on. Using the individual's height and chest measurements, refer to the size prediction table 4–8–2 for the size of the initial try-on garment. If the individual's measurements are close to the minimum or maximum indicated on the size prediction table, select two sizes for try-on.

(d) Alterations. Alteration of the coat is not authorized.

(e) Final Check for Proper Concept of Fit. Completely button the coat and check the following points:

1. Bust and Shoulders. The coat, when fully buttoned, must fit easily over the bust and shoulders allowing free use of the arms without discomfort (fig. 4–8–3).

2. Hips. The coat must hang freely from the shoulders without waist suppression or tightness around the hips (fig. 4–8–3). Coat fronts should be smooth and even at the bottom edges. The bottom edges in the front of the coat will protrude if the coat is too snug at the waist and hips.

3. Length. The bottom edge of the coat must extend to the crotch area (fig. 4–8–3).

(2) *Trousers.*

(a) Subgarments. Subgarments required for fitting the battledress trousers are the cotton underwear and cushion sole socks.

(b) Measurements. The waist and inseam length measurement are needed for the selection of the proper size and try-on garment.

(c) Try-on. Using the individual's waist and inseam measurements, refer to the size prediction table 4–8–4 for the size of the initial try-on garment. Make sure the bottom of the waistband is on top of the hipbone. (Up to three inches is allowed at waistline, to be adjusted accordingly with the waist straps.)

(d) Alterations. If the proper length trouser is not available, select a longer pair and shorten to proper length. This is the only alteration authorized.

(e) Final Check for Proper Concept of Fit. When fitting the trousers, an exact fit is not required. Fit the trousers with the bottom of the waistband resting at the top of the hipbone and check the following points:

1. Waist. When buttoned and waist straps adjusted, the trousers must fit easily at the waist without bulging.

2. Hips and Seat. The trousers must fit loosely enough at the hips and seat to allow squatting and bending (fig. 4–8–5).

3. Crotch. The crotch of the trousers should not bind. (fig. 4–8–5).

4. Length. The legs of the trousers must be long enough to allow blousing over the combat boots (fig. 4–8–5).

(3) *Cap.*

(a) Measurements. If the cap size is not known, measure around the largest part of the head, across the forehead and over the temples parallel to the floor.

(b) Try-on. Use the individual's head measurement and refer to the size prediction table 4–8–6 for the proper size cap.

(c) Alterations. Alteration of the cap is not authorized.

(d) Final Check for Proper Concept of Fit. The cap should fit snugly and level over the head, with the visor straight across the forehead. The bill of the cap should not block the individual's vision.

4–9 Army Green Classic Uniform, Women's.

The Women's Classic Uniform (fig. 4–9–1) is comprised of an Army Green Shade 344, Coat, Skirt and Slacks, an AG 415 long and short sleeve shirt and a black beret.

a. Design.

(1) *Coat.* The Women's Classic Army Green Coat is a fitted, fully lined, single breasted, below hip length coat design with four button front closure, center back vent, slanted flap pockets, open notch collar, long two piece sleeves and button down shoulder loops. The side body lines of the coat were designed to correspond with the side bodylines of the skirt.

(2) *Skirt.* The Women's Classic Army Green Skirt is an unhemmed 4-gore, A-Line skirt with a concealed zipper closure in the left side-front seam, a sewn-on waistband with one button closure and a small front waistband pocket on the right side.

(3) *Slacks.* The Women's Classic Army Green Slacks have straight unhemmed legs, sewn-on waistband with hooked front and elastic across the back, small front waistband pocket on right side and a fly front, concealed zipper closure.

(4) *Shirt.* The Women's Classic Army Green Shirt is available in both long and short sleeve styles. It is semi-fitted, has a cut-away front closure and front dart detail. The short sleeve shirt has a convertible collar designed to be worn with or without the black necktab. The long sleeve shirt has a stand collar which will always be worn closed and with the black necktab. Both shirts can be worn either tucked inside the skirt or slacks, or worn outside the skirt or slacks as an overblouse. The side bodylines of the shirt were designed to correspond with the side bodylines of the skirt.

(5) *Beret.* The Women's Beret consists of a fur/wool felt outer shell with a feature fold on the right side.

b. Material.

(1) *Coat, Skirt and Slacks.* The Women's Classic Uniform is made of polyester and wool serge, 11.5 oz weight cloth, Army Green 344.

(2) *Shirts.* The Women's Army Green Shade 415 shirts are made of precured durable press 65% polyester - 35% cotton broadcloth, stock dyed yarn in end on end configuration, 3.2 ounce weight per square yard. The necktabs are made of polyester/cotton, precured durable press poplin, Army Black shade 305.

(3) *Beret.* The Women's Beret is made of fur/wool felt, Army Black shade 398.

c. Sizing System.

(1) *Coat.* The Women's Classic Coat is available in two-inch size increments from size 4 through size 20. Most sizes are available in Short (S), Short-plus (S+), Regular (R), Regular-plus (R+), Long (L), Long-plus (L+), Extra long (XL) is available in sizes 8, 10, 12 and 14.

(2) *Skirt.* The Women's Classic Skirts are available in two-inch increments from size 6 through size 20. Most sizes are available in Short (S), Short-plus (S+), Regular (R), Regular-plus (R+), Long (L), and Long-plus (L+).

(3) *Slack.* The Women's Classic Slacks are available in two-inch increments from size 6 through size 20. Most sizes are available in Short (S), Short-plus (S+), Regular (R), Regular-plus (R+), Long (L), and Long-plus (L+).

(4) *Shirts.* The Women's long and short sleeve green shirts are available in sizes Short: 2 through 20; Regular: 2 through 20; Long: 2 through 20; and Extra Long: 8 through 14. The long sleeve shirt has three sleeve lengths for most short and regular shirt sizes and two sleeve lengths for long and extra long shirt sizes. The *necktabs* for the short sleeve shirts come in 2 sizes, one for shirt sizes 2 through 12 and one for shirt sizes 14 through 20. The necktab for the long sleeve shirt comes in one size which fits all shirt sizes.

(5) *Beret.* The Women's Beret is provided in 1/2-inch size increments from size 20 through size 25.

d. General Fitting Procedures.

(1) *Subgarments.*

(a) Shirt. Subgarments for the Army Green shirt try-on are the items of underwear normally worn.

(b) Coat, Skirt and Slacks. Subgarments for the women's classic coat, skirt and slacks try-on are the items of underwear normally worn and the Army Green Shade 415 shirt.

(2) *Measurements.* The bust, waist, hip, back-waist length, and height measurements are required.

(3) *Selection of Try-on Garment.* Use the individual's measurements and refer to the size prediction table 4–9–2 for the size of the initial try-on garment.

(a) Shirts. Use the individual's bust, waist length measurements and refer to the size prediction table 4–9–2 for selection of the initial try-on size. The back-waist length will determine the length of the shirt. For the long sleeve shirt, measure the individual's arm from the top of the shoulder where the armscye intersects the shoulder line over the outside of the slightly bent elbow to the center of the wrist bone. Of the two or three sleeve lengths available for each shirt size (see shirt label), select a sleeve length approximately 1 inch longer than this measurement.

(b) Classic Coat. Use the individual's bust, waist, hip and back-waist length measurements and refer to the size prediction table 4–9–2, for selection of the initial try-on size. The waist and hip measurement will determine if a regular (0), or a plus (+) size coat is required. The back-waist length will determine the length of the coat.

(c) Classic Slacks. Use the individual's waist, hip and height measurements and refer to the size prediction table 4–9–2 for selection of the initial try-on size. The waist and hip measurements will determine if a regular (0) or plus (+) size is required, and the height measurement determines the length of the slacks.

(d) Classic Skirt. Use the individual's waist, hip and height measurements and refer to the size prediction table 4–9–2 for selection of the initial

try-on size. The waist and hip measurement will determine if a regular (0), or plus (+) size is required, and the height measurement determines the length of the skirt.

(e) Beret. If the beret size is not known, take head measurements for try-on purposes. To measure for head size, hold the tape measure snugly around the largest part of the head across the forehead, and over the temple parallel to the ground. The women's hair should be the length and style in which it will unsually be worn.

(4) *Alterations.* The following alterations are authorized for the Women's Classic, Coat, Skirt and Slacks uniform and the women's green shirt.

(a) Classic Coat.

1. Bottom. The coat hemline may be straightened or shortened, with shortening only authorized when the coat is out of proportion to the individual's height by 1-inch or more. For example, if a short woman requires a regular length to fit her backwaist length, the coat will require shortening so the length is correctly proportioned for her height.

2. Back-waist Length. The waistline may be raised or lowered by adjusting the side-back seams.

3. Bust. The top bust darts may be taken in and/or lengthened and front-side body seams let out or taken in. This alteration is difficult and time-consuming and should be avoided whenever possible.

4. Waist. Waist may be tapered or let out at side-front and side-back seams.

5. Hip. Side-back seams may be adjusted to hip size, as long as the balance is maintained.

6. Shoulders. The coat shoulders may be raised or lowered by adding or removing shoulder pads.

7. Sleeves. The sleeves may be adjusted to reach a point 1 inch below the bottom of the wrist bone. The sleeves of the green shirt should not show below the coat sleeves.

8. Collar. In cases of long or short necks, raising or lowering the collar improves fit and appearance. This alteration consists of ripping out the seams on under and top collar, repositioning the collar or the back of the coat for the desired length, resewing the collar and pressing. The collar must not be raised or lowered over 1/4 inch.

(b) Classic Skirt.

1. Hips, Waist, and Waistband. Gore seams and waistband may be altered to hip and waist size, as long as the skirt balance is maintained.

2. Length. The skirt length may be altered to desired length by adjusting the skirt hem. The finished hem should be uniform and 2 1/2 to 3 inches wide.

(c) Classic Slacks.

1. Waist and Waistband. The waistband and darts may be altered as long as the slack balance is maintained. Because of the elastic waistband, this alteration is rarely necessary, however, the elastic may be shortened or lengthened 1/2 inch (1/4 at each end).

2. Length. The slacks should be hemmed so that the bottom rests on the top of the instep in front and 1/4 to 1/2 inch above the top of the heel in the back when wearing the standard service shoe. Slack bottoms are designed to taper downward from front to back and should, therefore, be finished with a hem that measures no more than 2 to 2 1/2 inches wide.

3. Hip. The side seams may be adjusted to hip size. Side seams must be centered at the sides and hang straight to the bottom.

(d) Shirts.

1. The women's green shirts can be tapered at the front and back side body seams. When fitting extremely broad shouldered women, it may be necessary to select a shirt one or two sizes larger than indicated and take in the side body seams. The long sleeves can be shortened only if they are one inch or more excess length. The buttons on cuffs may be set over.

(e) Beret. Alteration of the beret is not authorized.

(5) *Final Check for Proper Concept of Fit.* The classic uniform is designed to fit the figure easily with smooth tailored lines.

(a) Shirt, Green.

1. Collar. The shirt collar should fit the neck without bulging (fig. 4-9-3).

2. Back and Shoulders. The shirt should fit smoothly across the back and shoulders (fig. 4-9-3).

3. Bust. The shirt should fit over the bust without strain (fig. 4-9-3).

4. Hips and Waist. When worn as an overblouse, the shirt should fit easily over the hips conforming to the waistline curve without blousing, and give a semi-fitted appearance. The bottom button of the shirt should be slightly below the natural waistline. The shirt front, below the waist should overlap without pulling or gaping. If the shirt blouses or pulls over the hip, and shorter length and/or larger size should be tried on.

5. Sleeves.

a. Short Sleeve. The shirt is designed so that if the shirt size is correct in other areas, the sleeves will be correctly proportioned.

b. Long Sleeve. The sleeve length should reach a point approximately 1-inch below the center of the wrist bone (fig. 4–9–3).

6. Length. The length of the shirt is determined by the individuals back-waist length measurement and with few exceptions, will be correctly proportioned if the shirt is properly fitted in other areas.

(b) Skirt. The skirt viewed from the front and back, should continue the slender lines of the coat, flaring only slightly at the sides.

1. Waist and Hips. The skirt should fit snugly at the waist and smoothly over the hips so that it does not drape in folds. The center of the skirt waistband should be at the natural waistline.

2. Length. The skirt length is determined by the individual's height, but must fall somewhere between 1 inch above and 2 inches below the midpoint of the knee (fig. 4–9–4).

(c) Slacks.

1. Hips and Waist. The slacks must fit snugly at the waist and smoothly over the hips. The center of the waistband should be at the natural waistline (fig. 4–9–5).

2. Length. The bottom of the slacks should rest on top of the instep in the front, and 1/4 to 1/2 inch above the top of the heel in the back when wearing the standard service shoes. When wearing the optional pump, this figure may vary slightly depending on heel height (fig. 4–9–5).

(d) Coat. The coat has been designed to look equally well over both slacks and skirt, hence the longer than average length. Completely button the coat before checking the following:

1. Back and Shoulders. The coat should fit smoothly across the back and shoulders (fig. 4–9–6).

2. Bust. The coat should fit across the bust without strain (fig. 4–9–6).

3. Hips and Waist. The coat should fit easily over the hips, and conform to the waistline curve without blousing. The bottom button of the coat should fall approximately one inch below the natural waistline. The coat front, below the waist, must overlap without pulling or gaping so the front of the coat will present a straight line from the top button to the coat hem. The back vent must also overlap without pulling or gaping (fig. 4–9–6).

4. Length. The coat is designed so that if the coat size is correct in other areas, the coat length, with few exceptions, will be correctly proportioned (fig. 4–9–6).

5. Sleeves. The sleeves of the coat should fall about 1 inch below the bottom of the wrist bones (fig. 4–9–6). The sleeves of the green shirt should not show beneath the coat sleeves.

(e) Beret. The beret is worn tilted slightly to the back of the head, and will not be worn forward of the hairline in the front. The insignia on the front of the beret is worn centered on the forehead, not over one eye. The beret should not be crushed, flattened, dented, or otherwise reshaped (fig. 4–9–7).

Figure 4-1. Women's Army Green Uniform.

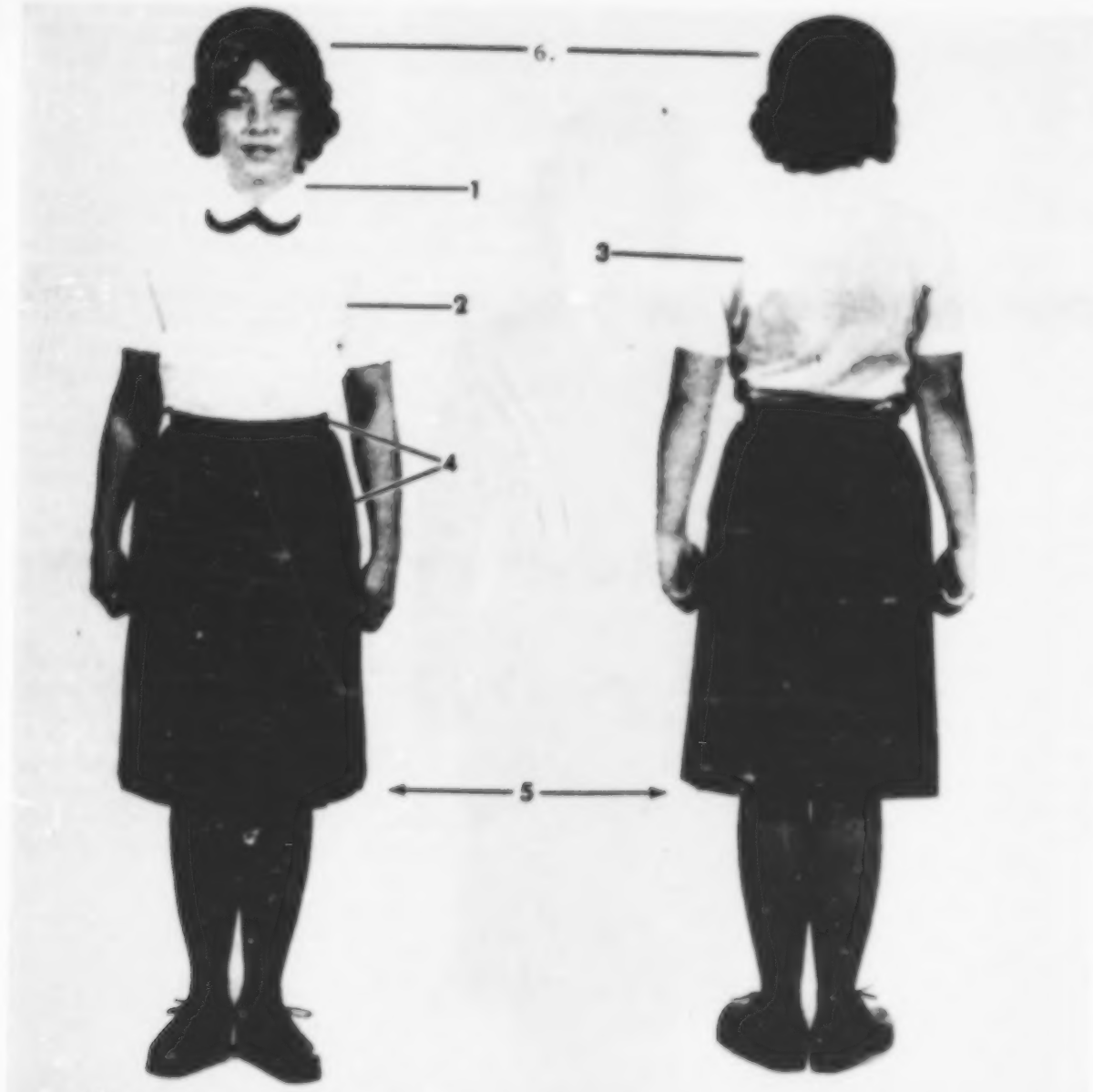

6.
1
3
2
4
5
1. COLLAR SHOULD FIT WITHOUT BULGING.
2. SHIRT SHOULD FIT OVER THE BUST WITHOUT STRAIN.
3. SHIRT FITS SMOOTHLY ACROSS BACK AND SHOULDERS.
4. THE SKIRT SHOULD FIT SNUGLY AT THE WAIST AND SMOOTHLY OVER THE HIPS.
5. Skirt should fall between 1-inch above and 2-inches below the mid-point of the knee.
6. BERET IS WORN TILTED SLIGHTLY TO THE BACK OF THE HEAD, WITH THE INSIGNIA CENTERED ON THE FOREHEAD.

Figure 4-1-1. Proper fit of skirt and shirt for Army Green Uniform

SIZE PREDICTION TABLE FOR WOMEN'S UNIFORMS

Garment Size (inches)	–	8	+	–	10	+	–	12	+	–	14	+	–	16	+	–	18	+	–	20	+	–	22	+	–	24	+	–	26	+	–	28	+
BUST		31			32½			34			35½			37			38½			40½			42½			44½			46½			48½	
WAIST		23	24		24	25		25½	26½		27	28		28½	29½		30½	31½		32½	33½		35	36		36½	37½		38½	39½		40½	41½
HIP	31½	33½	32½	33	35	37	34½	36½	38½	36	38	40	37½	39½	41½	39	41	43	41	43	45	43	45	47	45	47	49	47	49	51	49	51	53
HEIGHT (Inches) (without shoes)																																	
Extra Short		57			57½			58			58½			59																			
Short		60			60½			61			61½			62			62½			63			63½			64			64½			65	
Regular		63½			63½			64			64½			65			65½			66			66½			67			67½			68	
Long		67			67½			68			68½			69			69½			70			70½			71			71½			72	

Figure 4-1-2

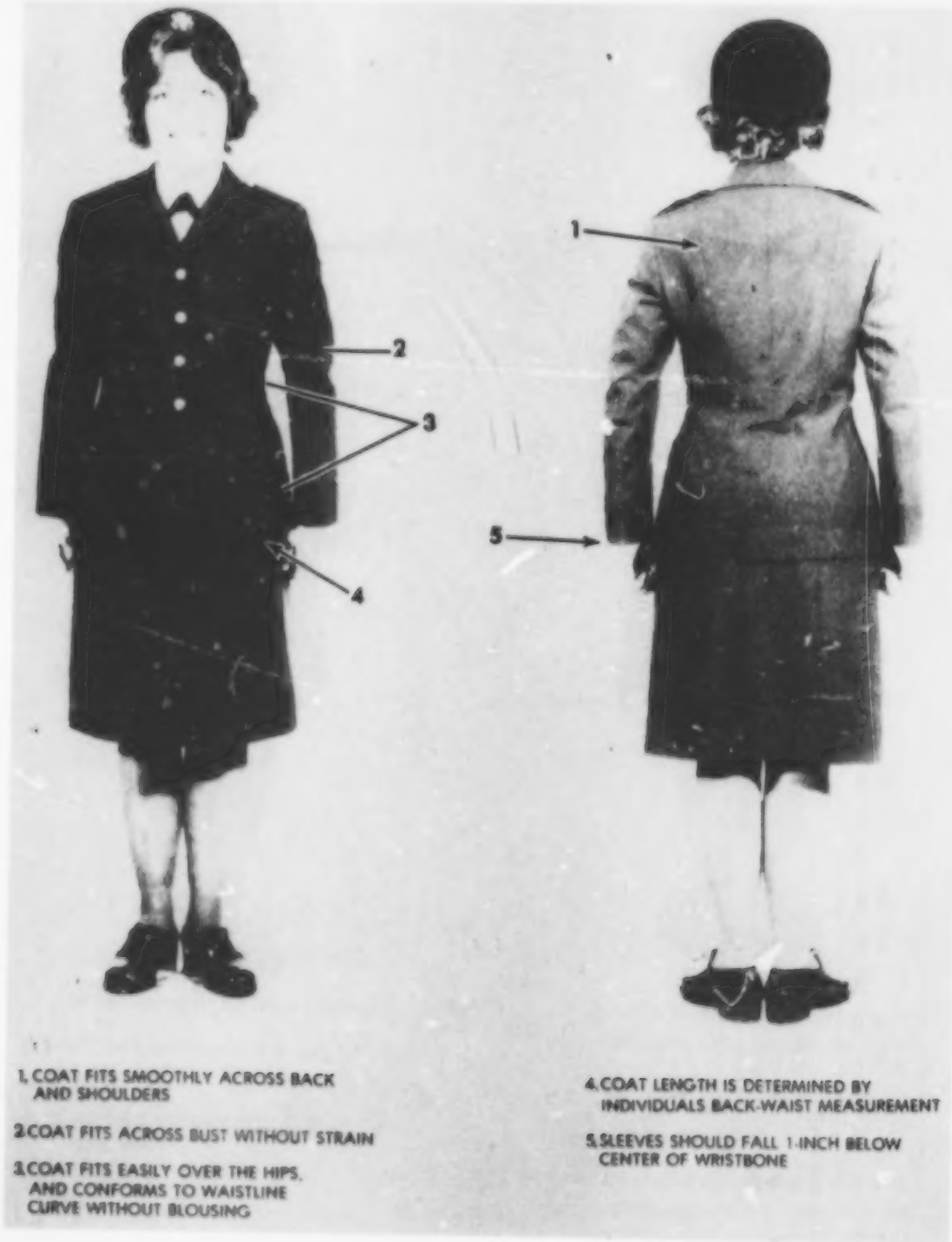

1
2
3
4
5
1. COAT FITS SMOOTHLY ACROSS BACK AND SHOULDERS
2. COAT FITS ACROSS BUST WITHOUT STRAIN
3. COAT FITS EASILY OVER THE HIPS, AND CONFORMS TO WAISTLINE CURVE WITHOUT BLOUSING
4. COAT LENGTH IS DETERMINED BY INDIVIDUALS BACK-WAIST MEASUREMENT
5. SLEEVES SHOULD FALL 1-INCH BELOW CENTER OF WRISTBONE

Figure 4-1-3. Proper Fit of Coat for Army Green Uniform

Figure 4-2. Army Green Pantsuit Uniform

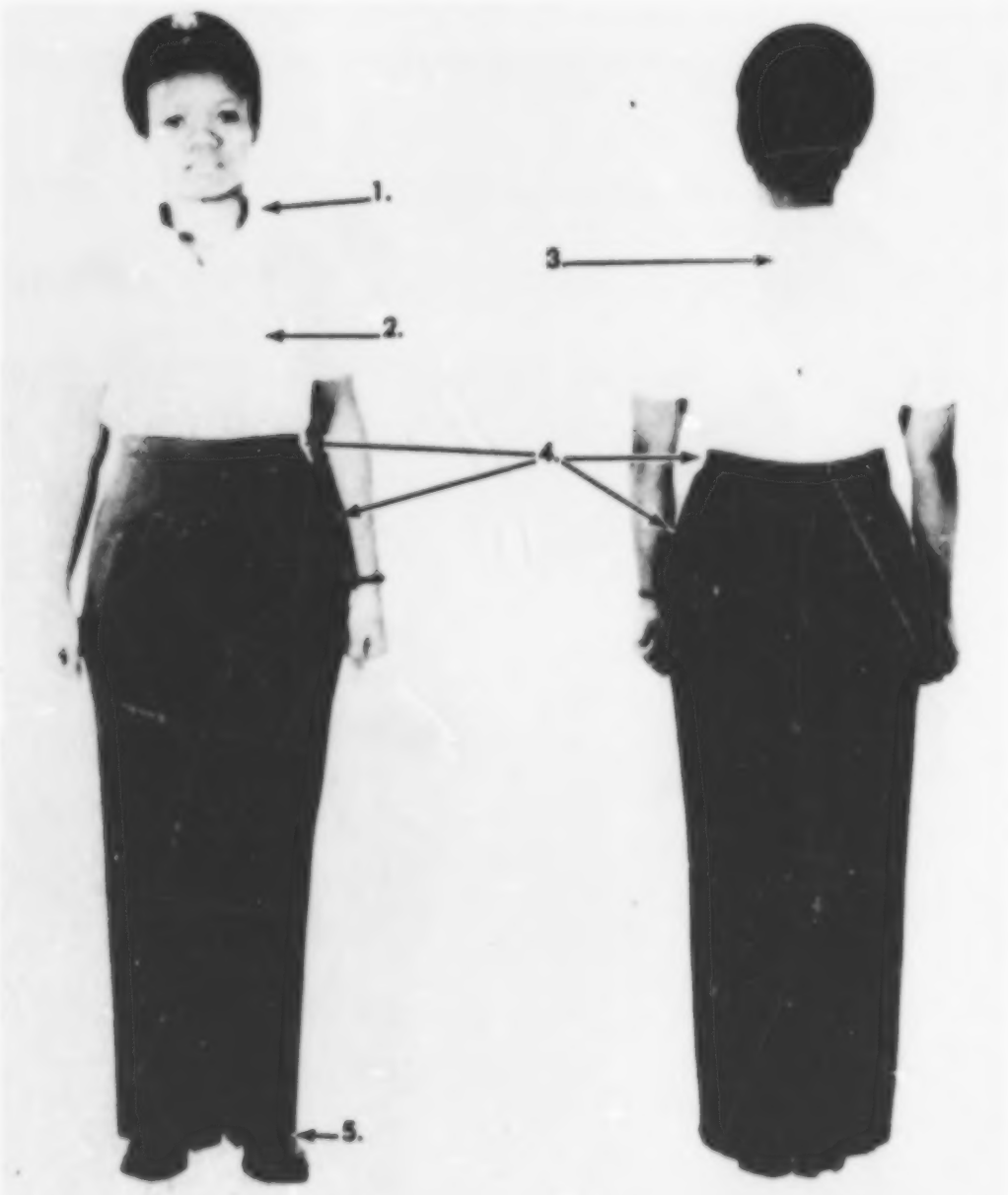

1.
2.
3.
4.
5.
1. SHIRT COLLAR FITS AT THE NECK WITHOUT BULGING.
2. SHIRT SHOULD FIT OVER BUST WITHOUT STRAIN.
3. FITS SMOOTHLY ACROSS BACK AND SHOULDERS.
4. SLACKS FIT SNUGLY AT THE WAIST AND SMOOTHLY OVER THE HIPS.
5. SLACKS SHOULD REST ON THE TOP OF THE INSTEP IN FRONT.

Figure 4-2-1. Proper Fit of Short Sleeve Shirt and Slacks for Army Green Pantsuit Uniform.

Size Prediction Table

Take Measurements Closely Over A Slip With Tape Measure Held Level.

Sizes:	4		6		8		10		12		14		16		18		20		22	
*Hip Type:	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+
Bust:	31		32		33		34		35½		37		38½		40½		42½		44½	
Waist:	22½	23½	23½	24½	24½	25½	25½	26½	27	28	28½	29½	30	31	32	33	34	35	36	37
Hips:	33	34	34	36	35	37	36	38	37½	39½	39	41	40½	42½	42½	44½	44½	46½	46½	48½
Back Waist Lengths																				
Short:	14 3/8		14 5/8		14 7/8		15 1/8		15 3/8		15 5/8		15 7/8		16 1/8		16 3/8		16 5/8	
Regular:	15 1/8		15 3/8		15 5/8		15 7/8		16 1/8		16 3/8		16 5/8		16 7/8		17 1/8		17 3/8	
Long:	16 1/8		16 3/8		16 5/8		16 7/8		17 1/8		17 3/8		17 5/8		17 7/8		18 1/8		18 3/8	
Ex. Long:	17 1/8		17 3/8		17 5/8		17 7/8		18 1/8		18 3/8		18 5/8		18 7/8		19 1/8		19 3/8	
Height: (without shoes)																				
Short:	59½		60		60½		61		61½		62		62½		63		63½		64	
Regular:	62½		63		63½		64		64½		65		65½		66		66½		67	
Long:	66½		67		67½		68		68½		69		69½		70		70½		71	
Ex. Long:	69½		70		70½		71		71½		72		72½		73		73½		74	
Weight:	85		95		105		115		125		135		150		165		190		205	

* 0 is the designation for the regular measurement in the above sizes. If an individual big measurement is larger than the size indicated for the regular garment, select the plus (+) size garment.

Figure 4-2-2.

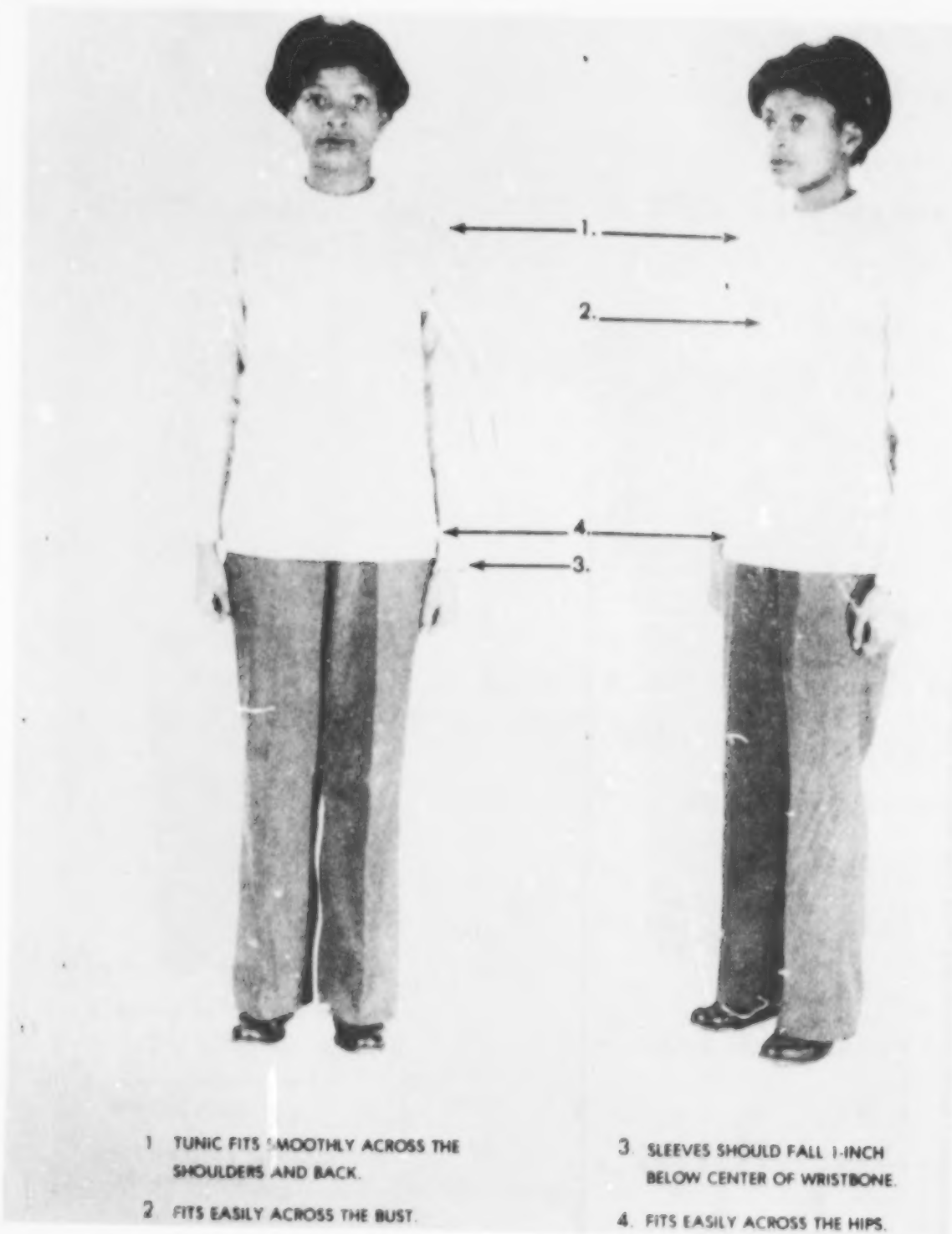
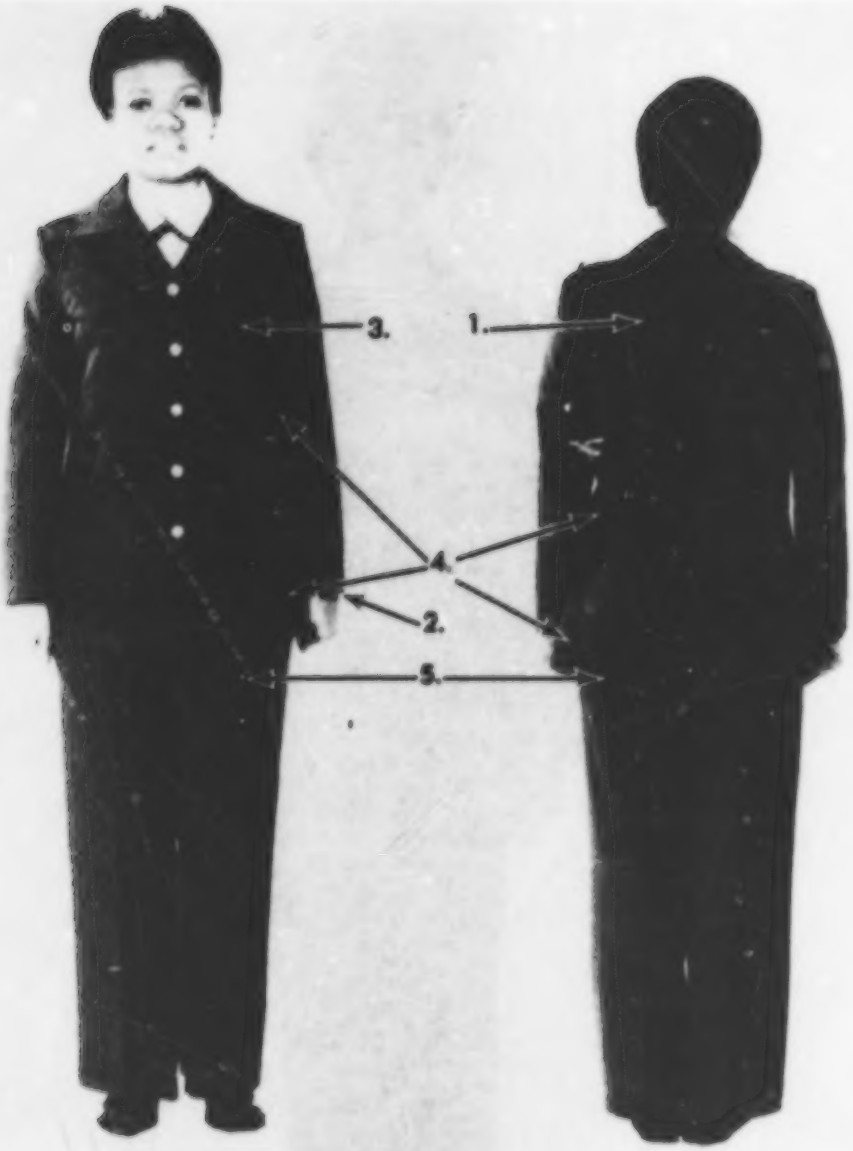

1.
2.
4.
3.
1 TUNIC FITS SMOOTHLY ACROSS THE SHOULDERS AND BACK.
2 FITS EASILY ACROSS THE BUST.
3 SLEEVES SHOULD FALL 1-INCH BELOW CENTER OF WRISTBONE.
4 FITS EASILY ACROSS THE HIPS.

Figure 4-2-3. Proper Fit of Tunic for Army Green Pantsuit Uniform.



1. JACKET FITS SMOOTHLY ACROSS THE BACK AND SHOULDERS.
2. SLEEVES FALL 1-INCH BELOW THE BOTTOM OF THE WRISTBONE.
3. JACKET FITS OVER BUST WITHOUT STRAIN.
4. JACKET FITS SMOOTHLY OVER THE HIPS AND SLIGHTLY SUPPRESSED AT THE WAIST.
5. JACKET LENGTH IS DETERMINED BY INDIVIDUAL'S HEIGHT.

Figure 4-2-4. Proper Fit of Army Green Pantsuit Uniform

Figure 4-3. Women's OG-507 Utility Uniform.

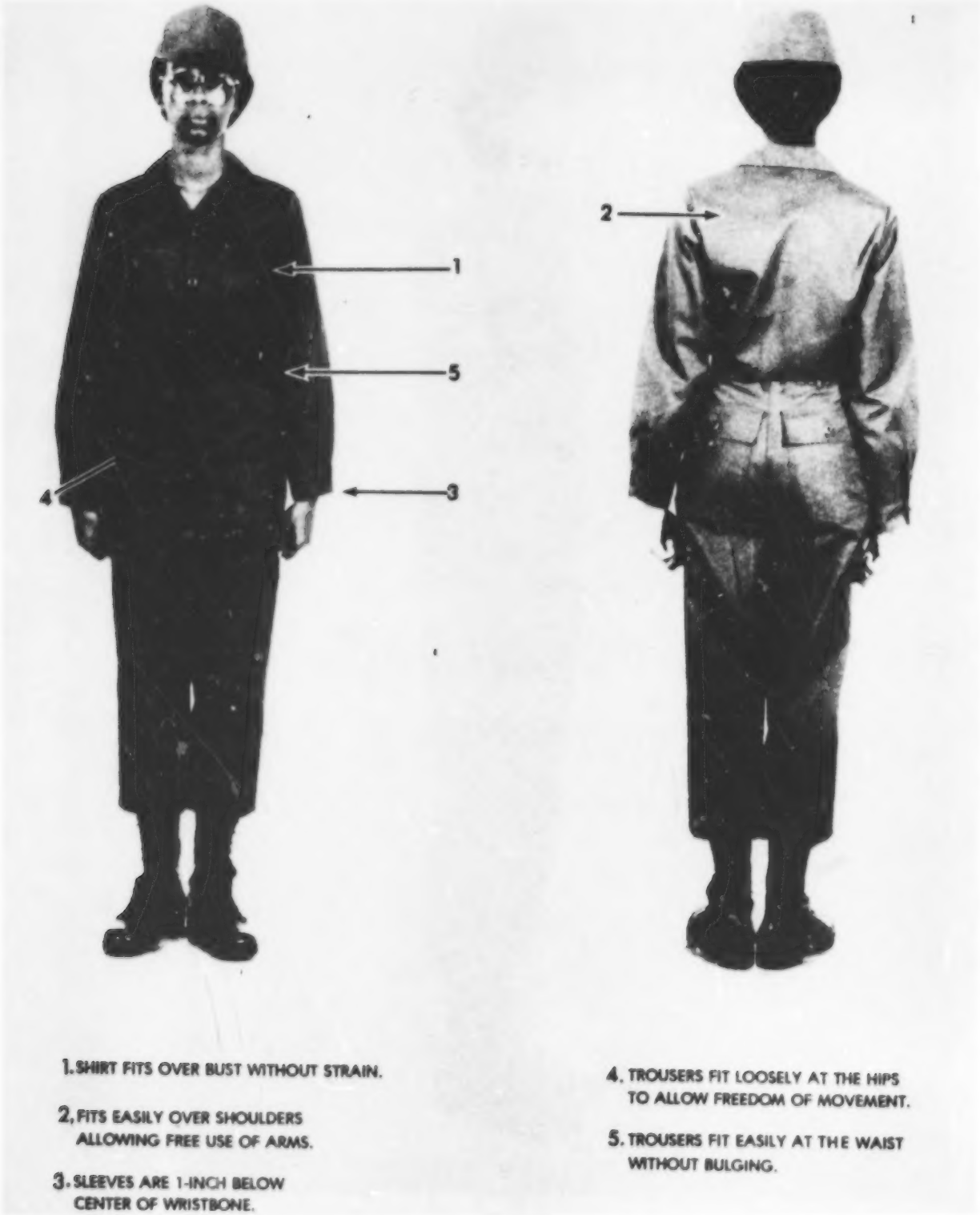

1
2
3
4
5
1. SHIRT FITS OVER BUST WITHOUT STRAIN.
2. FITS EASILY OVER SHOULDERS ALLOWING FREE USE OF ARMS.
3. SLEEVES ARE 1-INCH BELOW CENTER OF WRISTBONE.
4. TROUSERS FIT LOOSELY AT THE HIPS TO ALLOW FREEDOM OF MOVEMENT.
5. TROUSERS FIT EASILY AT THE WAIST WITHOUT BULGING.

Figure 4-3-1. Proper Fit of Women's OG 507 Utility Uniform

Figure 4-3-2. Proper Length of Trousers for Women's OG 507 Utility Uniform.

Figure 4-4. Army Green Skirt and Jackets Uniform.

Size Prediction Table

Take Measurements Closely Over A Slip With Tape Measure Held Level.

Sizes:	4		6		8		10		12		14		16		18		20		22	
*Hip Type:	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+
Bust:	31		32		33		34		35½		37		38½		40½		42½		44½	
Waist:	22½	23½	23½	24½	24½	25½	25½	26½	27	28	28½	29½	30	31	32	33	34	35	36	37
Hips:	33	34	34	36	35	37	36	38	37½	39½	39	41	40½	42½	42½	44½	44½	46½	46½	48½
Back Waist Lengths																				
Short:	14 3/8		14 5/8		14 7/8		15 1/8		15 3/8		15 5/8		15 7/8		16 1/8		16 3/8		16 5/8	
Regular:	15 1/8		15 3/8		15 5/8		15 7/8		16 1/8		16 3/8		16 5/8		16 7/8		17 1/8		17 3/8	
Long:	16 1/8		16 3/8		16 5/8		16 7/8		17 1/8		17 3/8		17 5/8		17 7/8		18 1/8		18 3/8	
Ex. Long:	17 1/8		17 3/8		17 5/8		17 7/8		18 1/8		18 3/8		18 5/8		18 7/8		19 1/8		19 3/8	
Height: (without shoes)																				
Short:	59½		60		60½		61		61½		62		62½		63		63½		64	
Regular:	62½		63		63½		64		64½		65		65½		66		66½		67	
Long:	66½		67		67½		68		68½		69		69½		70		70½		71	
Ex. Long:	69½		70		70½		71		71½		72		72½		73		73½		74	
Weight:	85		95		105		115		125		135		150		165		190		205	

* 0 is the designation for the regular measurement in the above sizes. If an individual hip measurement is larger than the size indicated for the regular garment, select the plus (+) size garment.

Figure 4-4-1.

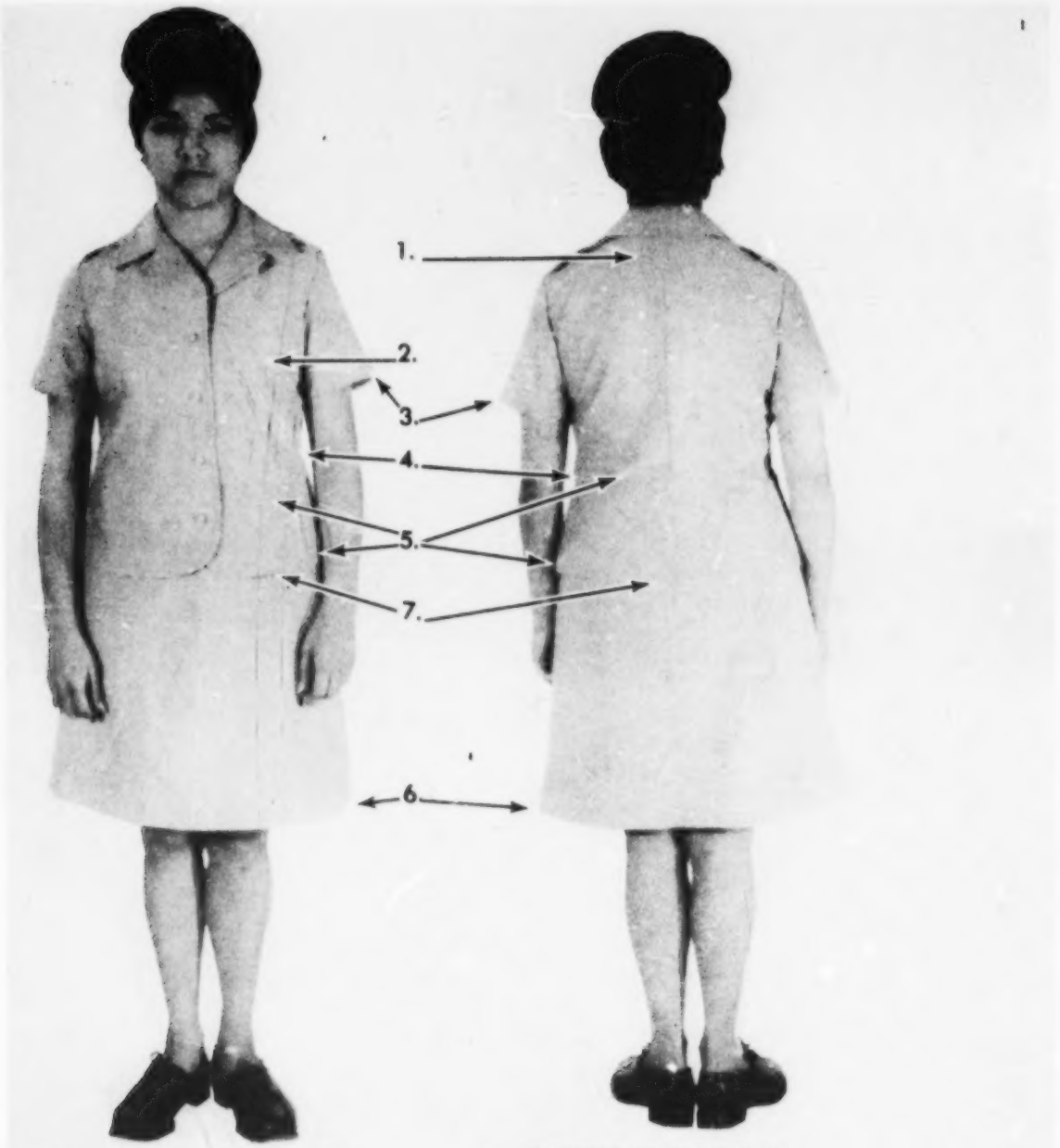

1.
2.
3.
4.
5.
6.
7.
JACKET FITS SMOOTHLY ACROSS BACK AND SHOULDERS
2 FITS OVER BUST WITHOUT STRAIN
3 SLEEVE LENGTH IS DETERMINED BY SIZE OF JACKET
4 JACKET SHOULD REST LOOSELY ON THE HIPS WITH A SLIGHT WAIST SUPPRESSION
5 SKIRT SHOULD FIT SNUGLY AT THE WAIST AND SMOOTHLY ACROSS THE HIPS
6 Skirt bottom must fall between 1-inch above and 2-inches below the center of the knee.
7 JACKET LENGTH IS DETERMINED BY THE INDIVIDUAL'S HEIGHT

Figure 4-4-2. Proper Fit of Skirt and Shirt for Army Green Uniform.

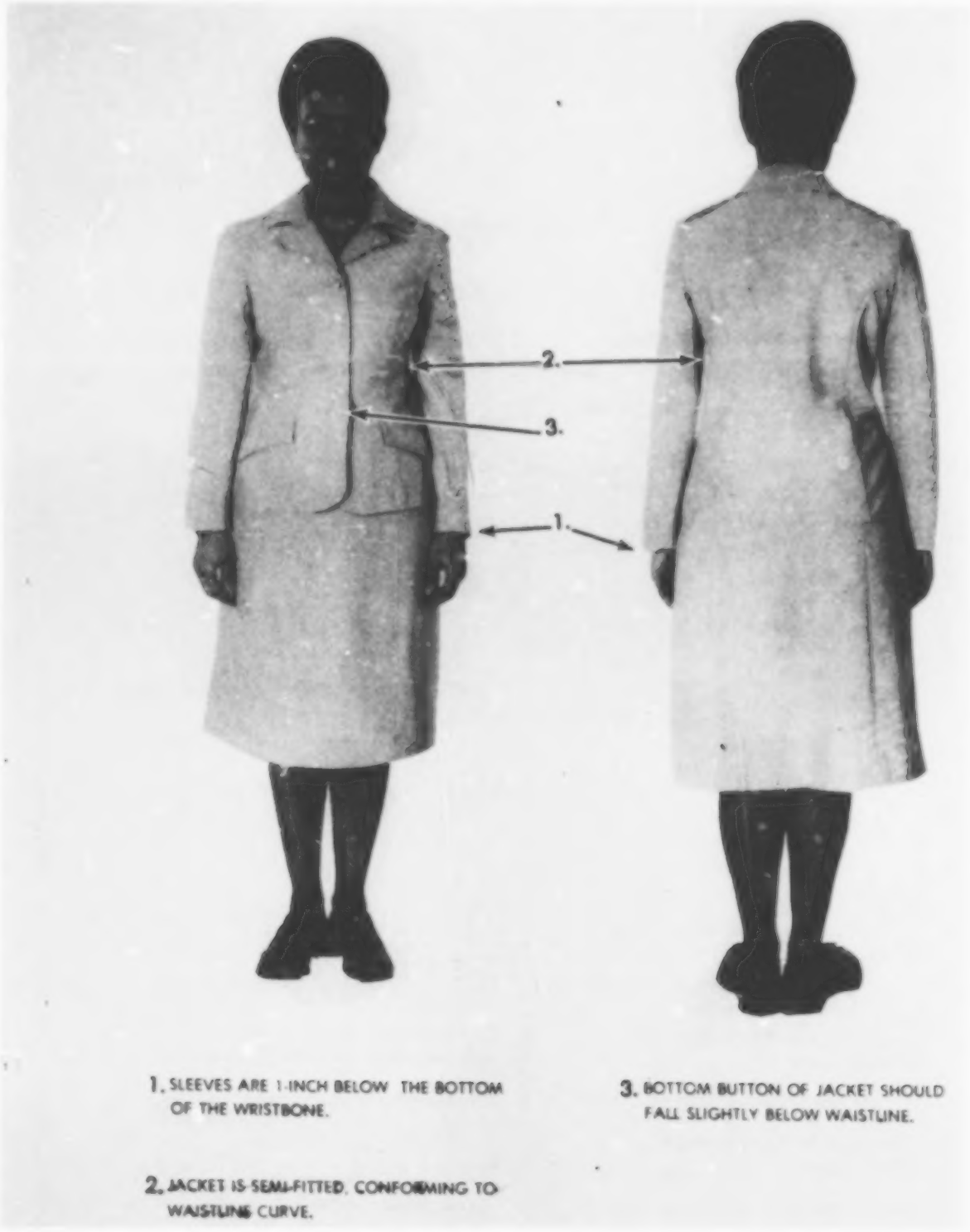

2.
3.
1.
1. SLEEVES ARE 1-INCH BELOW THE BOTTOM OF THE WRISTBONE.
2. JACKET IS SEMI-FITTED, CONFORMING TO WAISTLINE CURVE.
3. BOTTOM BUTTON OF JACKET SHOULD FALL SLIGHTLY BELOW WAISTLINE.

Figure 4-4-3. Proper Fit of Army Green Skirt and Long Sleeve Jacket

Figure 4-5. Women's All Weather Coat Black.

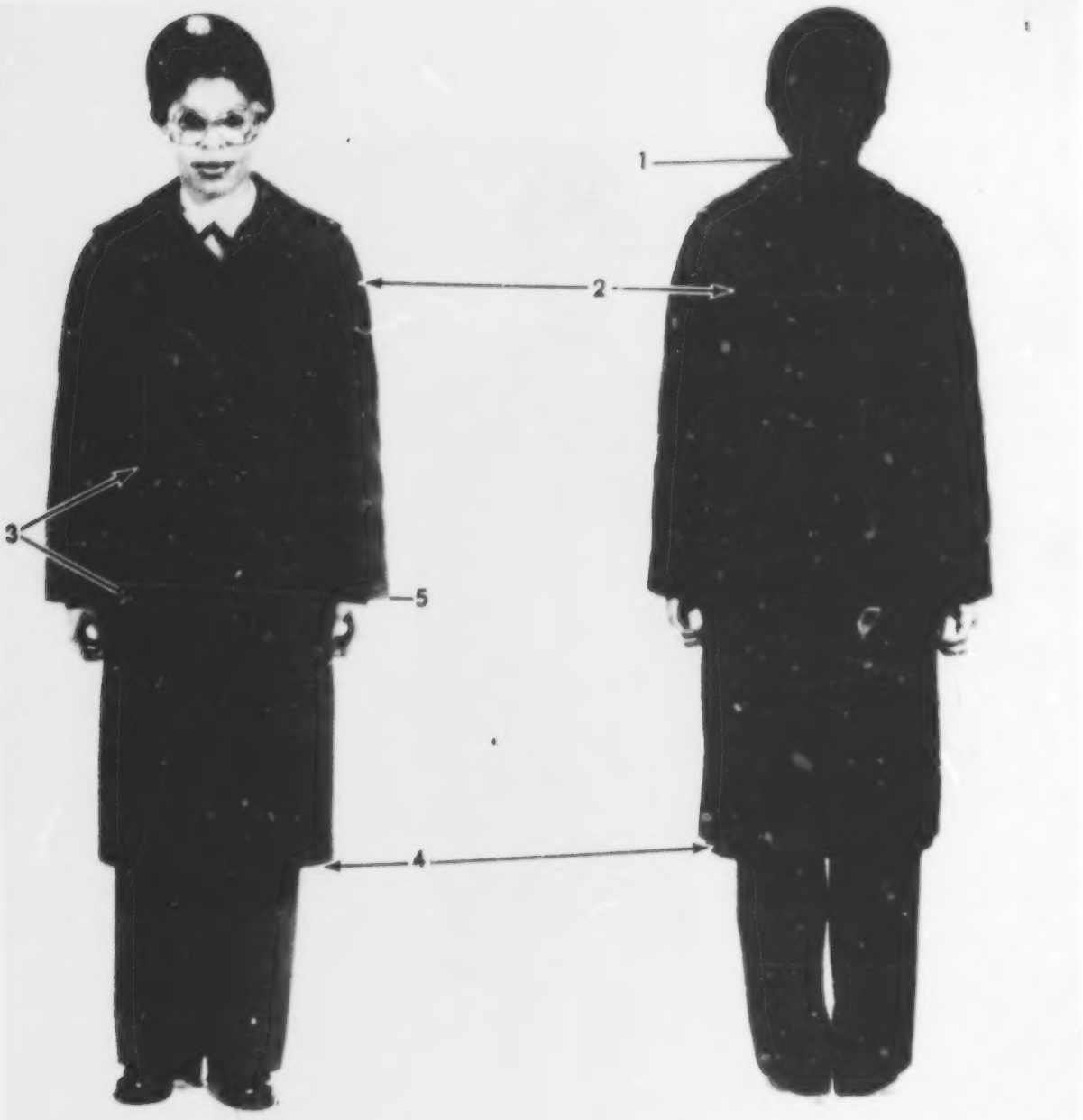
Size Prediction Table

Take Measurements Closely Over A Slip With Tape Measure Held Level.

Sizes:	4		6		8		10		12		14		16		18		20		22	
* Hip Type:	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+
Bust:	31		32		33		34		35½		37		38½		40½		42½		44½	
Waist:	22½	23½	23½	24½	24½	25½	25½	26½	27	28	28½	29½	30	31	32	33	34	35	36	37
Hips:	33	34	34	36	35	37	36	38	37½	39½	39	41	40½	42½	42½	44½	44½	46½	46½	48½
Back Waist Lengths																				
Short:	14 3/8		14 5/8		14 7/8		15 1/8		15 3/8		15 5/8		15 7/8		16 1/8		16 3/8		16 5/8	
Regular:	15 1/8		15 3/8		15 5/8		15 7/8		16 1/8		16 3/8		16 5/8		16 7/8		17 1/8		17 3/8	
Long:	16 1/8		16 3/8		16 5/8		16 7/8		17 1/8		17 3/8		17 5/8		17 7/8		18 1/8		18 3/8	
Ex. Long:	17 1/8		17 3/8		17 5/8		17 7/8		18 1/8		18 3/8		18 5/8		18 7/8		19 1/8		19 3/8	
Height: (without shoes)																				
Short:	59½		60		60½		61		61½		62		62½		63		63½		64	
Regular:	62½		63		63½		64		64½		65		65½		66		66½		67	
Long:	66½		67		67½		68		68½		69		69½		70		70½		71	
Ex. Long:	69½		70		70½		71		71½		72		72½		73		73½		74	
Weight:	85		95		105		115		125		135		150		165		190		205	

* 0 is the designation for the regular measurement in the above sizes. If an individual hip measurement is larger than the size indicated for the regular garment, select the plus (+) size garment.

Figure 4-5-1.



1. COAT COLLAR MUST COVER THE COLLAR OF ALL SUBGARMENTS.
2. COAT FITS COMFORTABLY ACROSS BUST AND SHOULDERS AND SMOOTHLY ACROSS BACK.
3. NO WAIST SUPPRESSION OR TIGHTNESS AROUND HIPS.
4. COAT MUST EXTEND AT LEAST 1 1/2-INCHES BELOW MIDPOINT IF THE KNEE.
5. SLEEVES MUST COVER ALL SUBGARMENTS.

Figure 4-5-2. Proper Fit of Women's All-Weather Coat Black.

Figure 4-6. AG 44 Overcoat.

Size Prediction Table For Women's Uniforms

Garment Size (Inches)	–	8	+	–	10	+	–	12	+	–	14	+	–	16	+	–	18	+	–	20	+	–	22	+	–	24	+	–	26	+	–	28	+
BUST		31			32½			34			35½			37			38½			40½			42½			44½			46½			48½	
WAIST		23	24		24	25	25½	26½			27	28		28½	29½		30½	31½		32½	33½	35	36			36½	37½		38½	39½		40½	41½
HIP	31	33½	35½	33	35	37	34½	36½	38½	36	38	40	37½	39½	41½	39	41	43	41	43	45	45	45	45	47	45	47	49	47	49	51	49	51	53
HEIGHT (Inches) (without shoes)																																	
Extra Short		57			57½			58			58½			59																			
Short		60			60½			61			61½			62			62½			63			63½			64			64½			65	
Regular		63½			63½			64			64½			65			65½			66			66½			67			67½			68	
Long		67			67½			68			68½			69			69½			70			70½			71			71½			72	

Figure 4-6-1

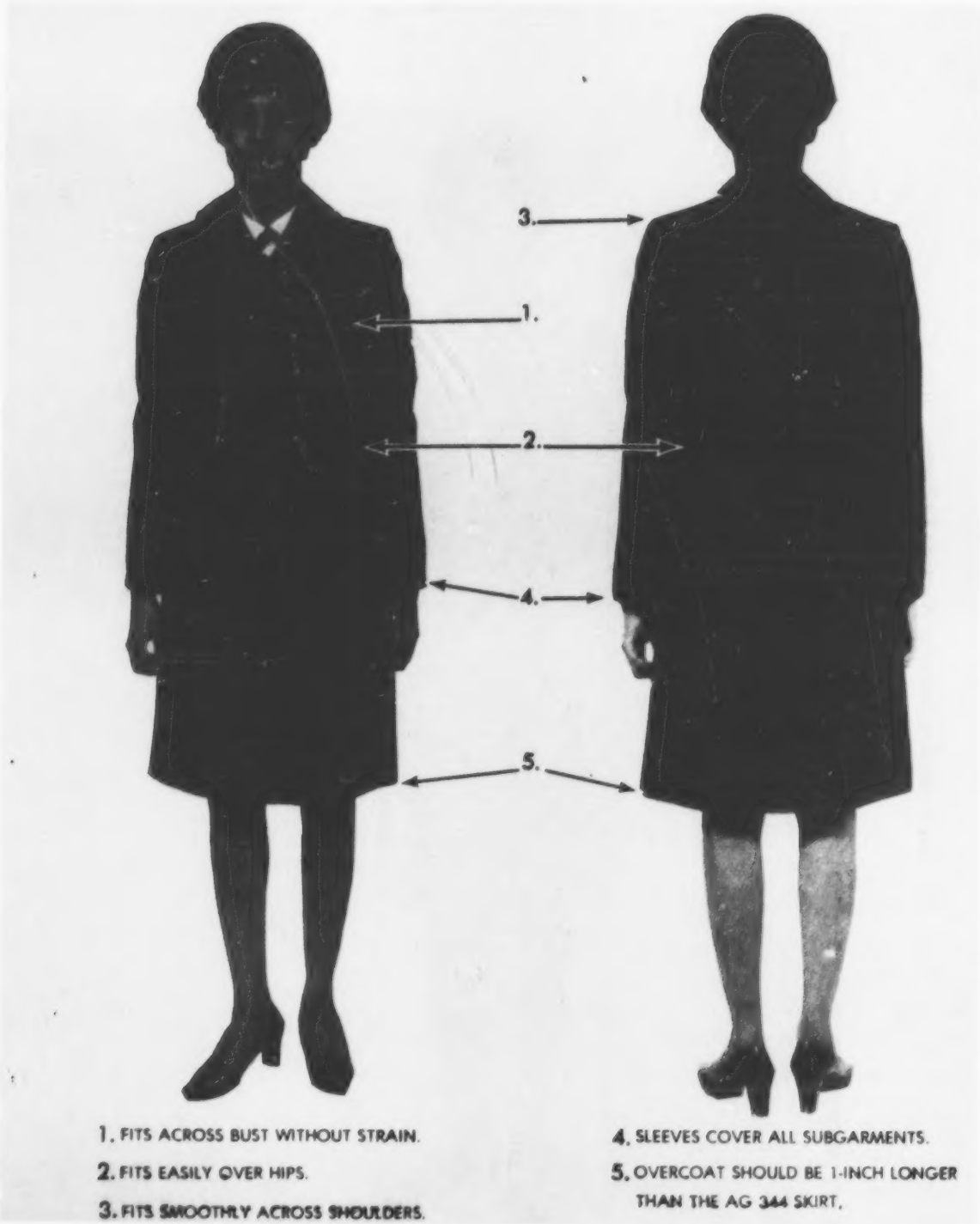


Figure 4-6-2. Proper Fit of AG 44 Overcoat.

Table 4–7. Size Prediction Table for Women's Uniforms

Garment Sizes (Inches)	–	8	+	–	10	+	–	12	+	–	14	+	–	16	+	–	18	+	–	20	+	–	22	+	–	24	+	–	26	+	–	28	+
BUST		31			32½			34			35½			37			38½			40½			42½			44½			46½			48½	
WAIST		23	24		24	25		25½	26½		27	28		28½	29½		30½	31½		32½	33½		35	36		36½	37½		38½	39½		40½	41½
HIP	31½	33½	35½	33	35	37	34½	36½	38½	36	38	40	37½	39½	41½	39	41	43	41	43	45	43	45	47	45	47	49	47	49	51	49	51	53
HEIGHT (Inches) (without shoes)																																	
Extra Short		57		57½				58			58½			59																			
Short		60		60½				61			61½			62			62½			63			63½			64			64½			65	
Regular		63½		63				64			64½			65			65½			66			66½			67			67½			68	
Long		67		67½				68			68½			69			69½			70			70½			71			71½			72	

Figure 4–8–1. Women's Battledress Uniform

Table 4–8–2. Coat, Women's BDU SIZE PREDICTION TABLE

Bust (inches)	Height (inches)	Coat size
Up to 33	59-63	X-Small, X-Short
Up to 33	63-67	X-Small, Short
Up to 33	67-71	X-Small, Regular
33-37	Up to 59	Small, XX-Short
33-37	59-63	Small, X-Short
33-37	63-67	Small, Short
33-37	67-71	Small, Regular
33-37	71-75	Small, Long
33-37	Above 75	Small, X-Long
37-41	Up to 59	Medium, XX-Short
37-41	59-63	Medium, X-Short
37-41	63-67	Medium, Short
37-41	67-71	Medium, Regular
37-41	71-75	Medium, Long
37-41	Above 75	Medium, X-Long
41-45	59-63	Large, X-Short
41-45	63-67	Large, Short
41-45	67-71	Large, Regular
41-45	71-75	Large, Long
41-45	Above 75	Large, X-Long
Above 45	67-71	X-Large, Regular
Above 45	Above 71	X-Large, Long

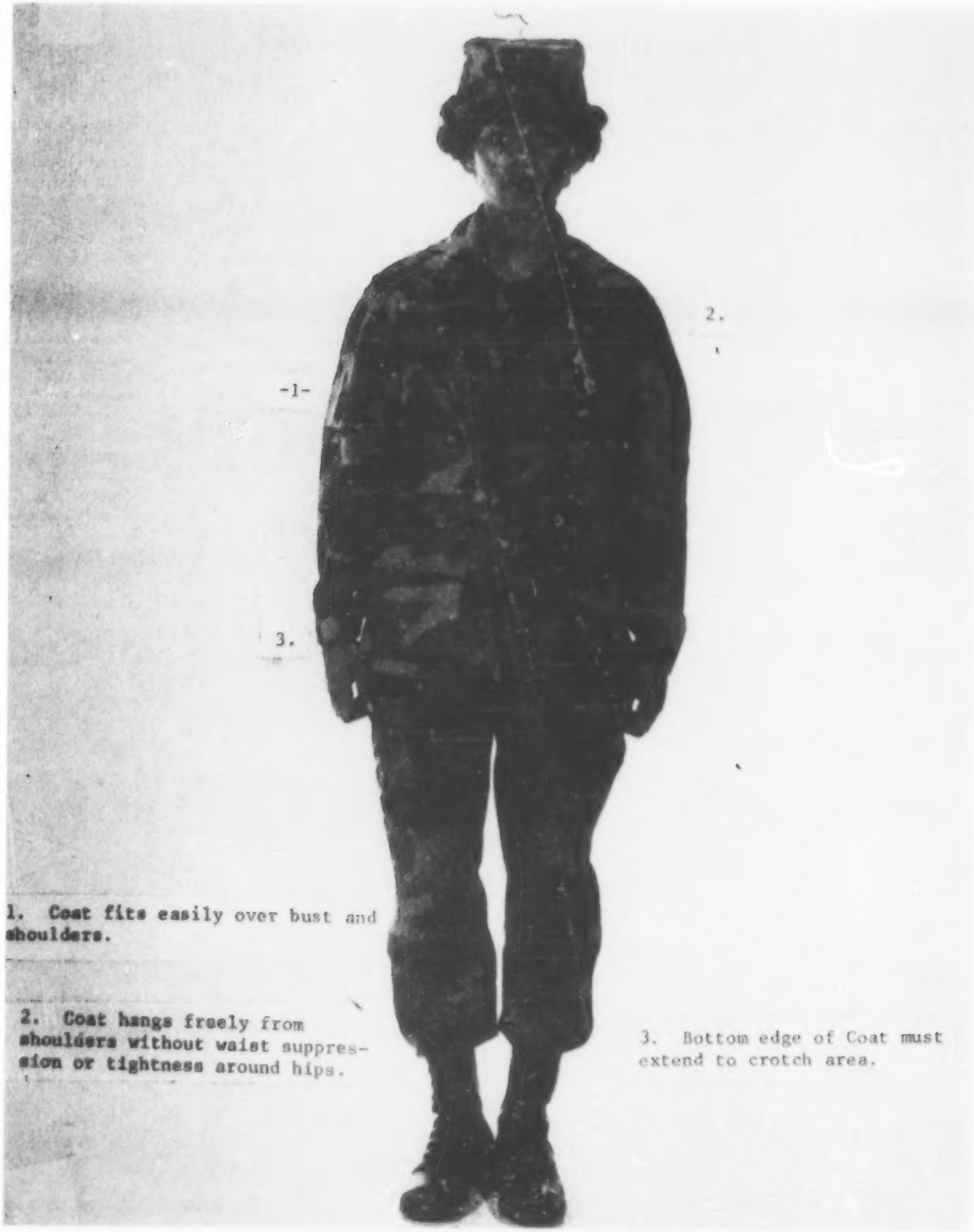

-1-
2.
3.
1. Coat fits easily over bust and shoulders.
2. Coat hangs freely from shoulders without waist suppression or tightness around hips.
3. Bottom edge of Coat must extend to crotch area.

Figure 4–8–3. Proper Fit of Coat, Women's Battledress Uniform

Table 4–8–4. Trousers, Women's BDU SIZE PREDICTION TABLE

Waist (inches)	Inseam (inches)	Trouser size
27	Up to 26 1/2	X-Small, X-Short
27	26 1/2 - 29 1/2	X-Small, Short
Up to 27	29 1/2 - 32 1/2	X-Small, Regular
Up to 27	32 1/2 - 35 1/2	X-Small, Long
27-31	Up to 26 1/2	Small, X-Short
27-31	26 1/2 - 29 1/2	Small, Short
27-31	29 1/2 - 32 1/2	Small, Regular
27-31	32 1/2 - 35 1/2	Small, Long
27-31	Over 35 1/2	Small, X-Long
31-35	26 1/2	Medium, X-Short
31-35	26 1/2 - 29 1/2	Medium, Short
31-35	29 1/2 - 32 1/2	Medium, Regular
31-35	32 1/2 - 35 1/2	Medium, Long
31-35	Over 35 1/2	Medium, X-Long
31-35	26 1/2 - 29 1/2	Large, Short
35-39	29 1/2 - 32 1/2	Large, Regular
35-39	32 1/2 - 35 1/2	Large, Long
35-39	Over 35 1/2	Large, X-Long
35-39	26 1/2 - 29 1/2	X-Large, Short
Over 39	29 1/2 - 32 1/2	X-Large, Regular
Over 39	32 1/2 - 35 1/2	X-Large, Long
Over 39		

-1-
-2-
-3-
1. Trousers fit loosely enough at hips and seat to allow squatting and bending
2. Crotch of the trousers should not bind.
-3- Legs of trousers must be long enough to allow blousing over Combat Boots.

Figure 4–8–5. Proper Fit of Trousers, Women's Battledress Uniform

Table 4–8–6. Cap, Women's BDU SIZE PREDICTION TABLE

Size	Inside Cap Measurements
6 3/8	20 1/8
6 1/2	20 1/2
6 5/8	20 7/8
6 3/4	21 1/4
6 7/8	21 5/8
7	22
7 1/8	22 3/8
7 1/4	22 3/4
7 3/8	23 1/8
7 1/2	23 1/2
7 5/8	23 7/8
7 3/4	24 1/4

A plus or minus tolerance of 1/4 is allowed for each head measurement.

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Figure 4-9-1. Women's Classic Uniform

Table 4–9–2. SIZE PREDICTION TABLE

Take measurements closely over a slip with tape measure held level.

SIZES:	2	4	6	8	10	12	14	16	18	20
1. *COAT, SKIRT & SLACKS*										
*Hip Type:	-	(0) (+)	(0) (+)	(0) (+)	(0) (+)	(0) (+)	(0) (+)	(0) (+)	(0) (+)	(0) (+)
Bust	-	31	32	33	34	35½	37	38½	40½	42½
Waist	-	22½ 23½	23½ 24½	24½ 25½	25½ 26½	27 28	28½ 29½	30 31	32 33	34 35
Hips	-	34 34	34 36	35 37	36 38	37½ 39½	39 41	40½ 42½	42½ 44½	44½ 46½
2. *SHIRT, LONG SLEEVES, AG 415*										
Collar	13 5/8	13 7/8	14 1/8	14 3/8	14 5/8	14 7/8	15 1/8	15 3/8	15 5/8	15 7/8
3. *SHIRT, SHORT SLEEVES, AG 415*										
Collar	12 3/4	13	13 1/4	13 1/2	13 3/4	14	14 1/4	14 1/2	14 3/4	15
4. *COAT & SHIRTS AG 415, BACK-WAIST LENGTHS*										
Short:	**14 1/8	14 3/8	14 5/8	14 7/8	15 1/8	15 3/8	15 5/8	15 7/8	16 1/8	16 3/8
Regular:	14 7/8	15 1/8	15 3/8	15 5/8	15 /78	16 1/8	16 3/8	16 5/8	16 7/8	17 1/8
Long:	15 7/8	16 1/8	16 3/8	16 5/8	16 7/8	17 1/8	17 3/8	17 5/8	17 7/8	18 1/8
X-Long:	16 7/8	17 1/8	17 3/8	17 5/8	17 7/8	18 1/8	18 3/8	18 5/8	18 7/8	19 1/8
HEIGHT: (WITHOUT SHOES)										
Short:	-	59 1/2	60	60 1/2	61	61 1/2	62	62 1/2	63	63 1/2
Regular:	-	62 1/2	63	63 1/2	64	64 1/2	65	65 1/2	66	66 1/2
Long:	-	66 1/2	67	67 1/2	68	68 1/2	69	69 1/2	70	70 1/2
X-Long:	-	69 1/2	70	70 1/2	71	71 1/2	72	72 1/2	73	73 1/2
WEIGHT:		85	95	105	115	125	135	150	165	190

*(0) is the designation for the Regular measurement in the above sizes. If an individual's hip measurement is larger than the size indicated for the Regular garment, select the plus (+) size garment.

**Size 2 available only in Shirts AG 415.

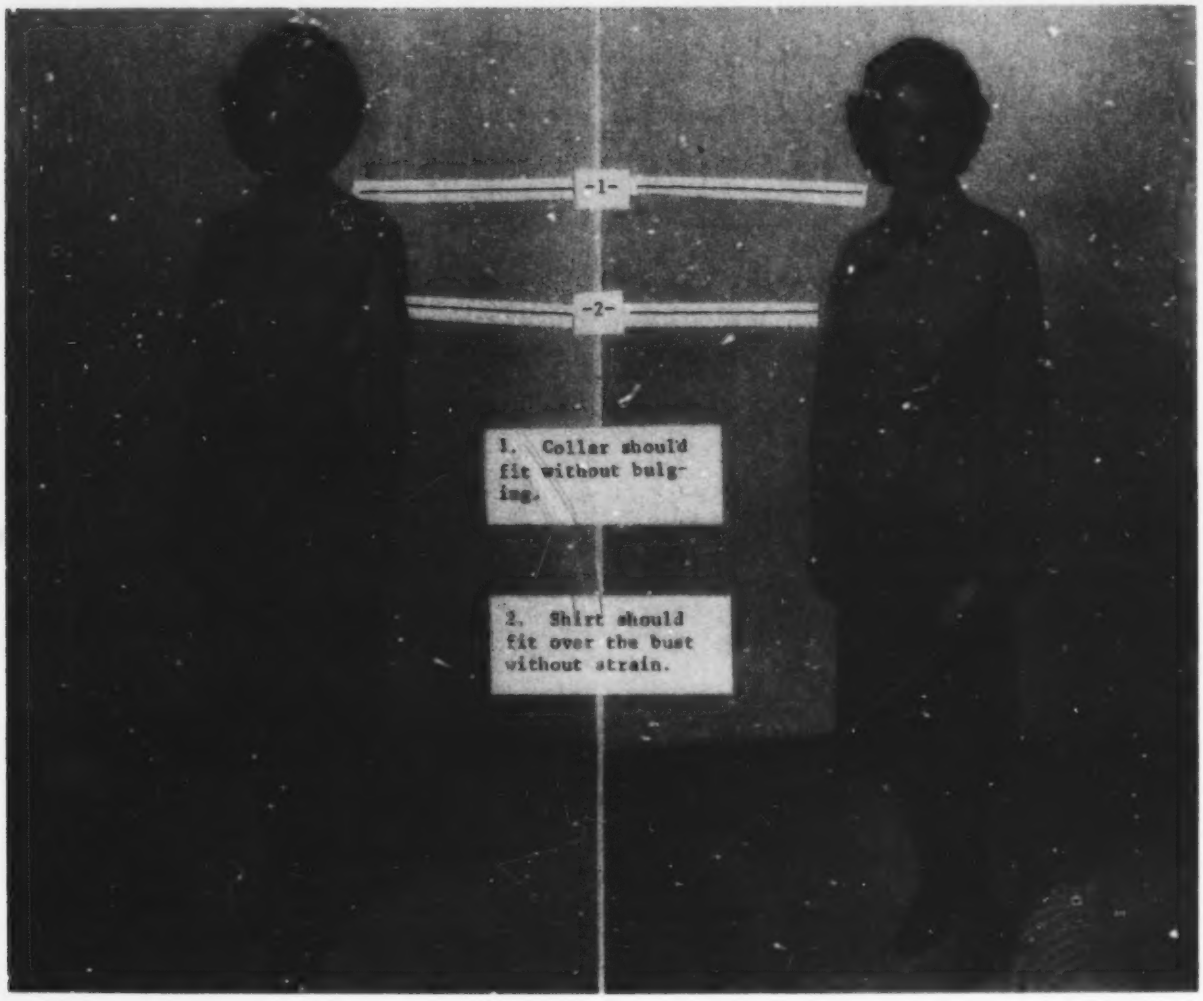


Figure 4–9–3. Proper Wear and Fit of Army Green 415 Shirt (Sheet 1 of 2)

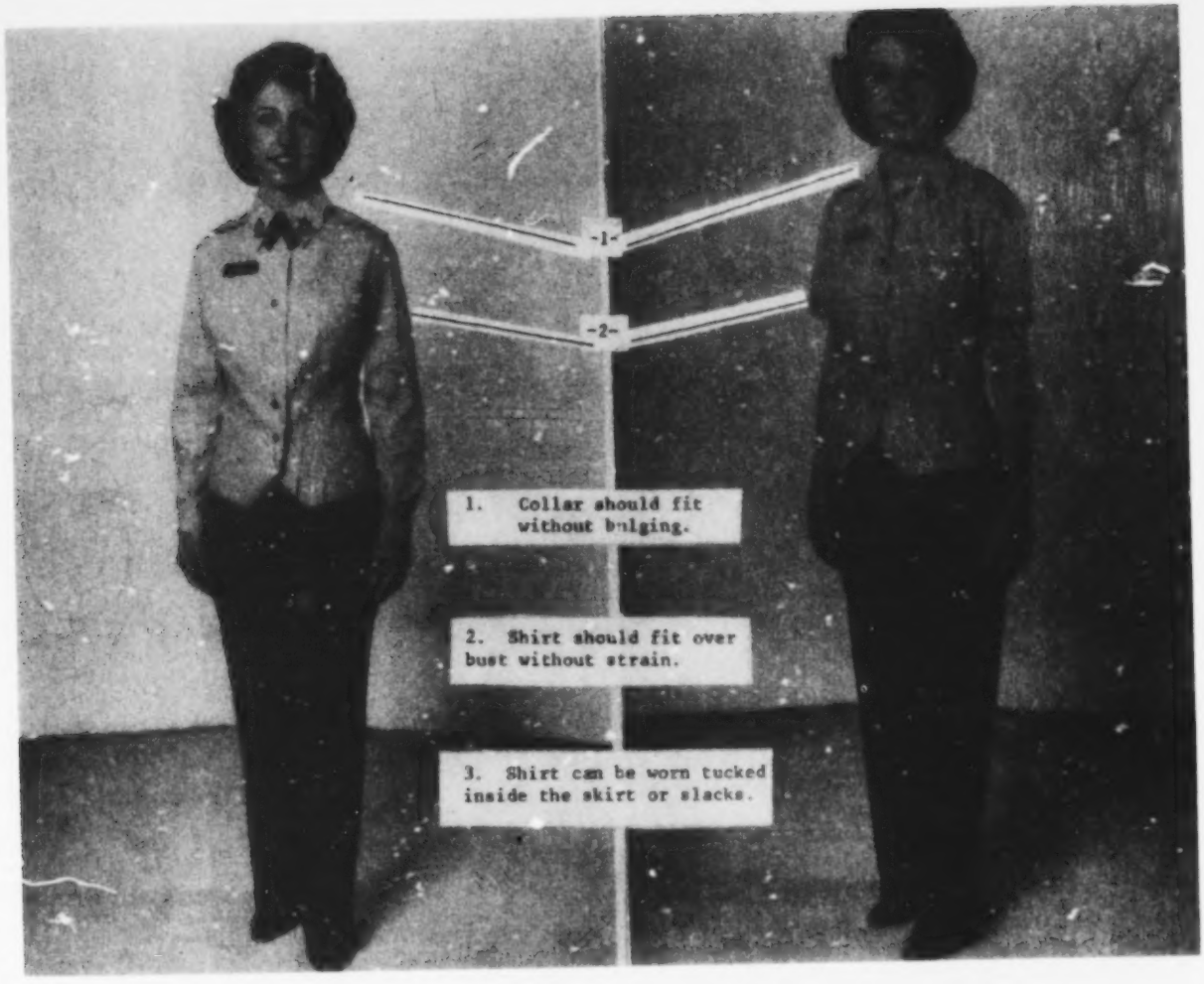

-1-
-2-
1. Collar should fit without bulging.
2. Shirt should fit over bust without strain.
3. Shirt can be worn tucked inside the skirt or slacks.

Figure 4–9–3. Proper Wear and Fit of AG 415 Shirt (Sheet 2 of 2)

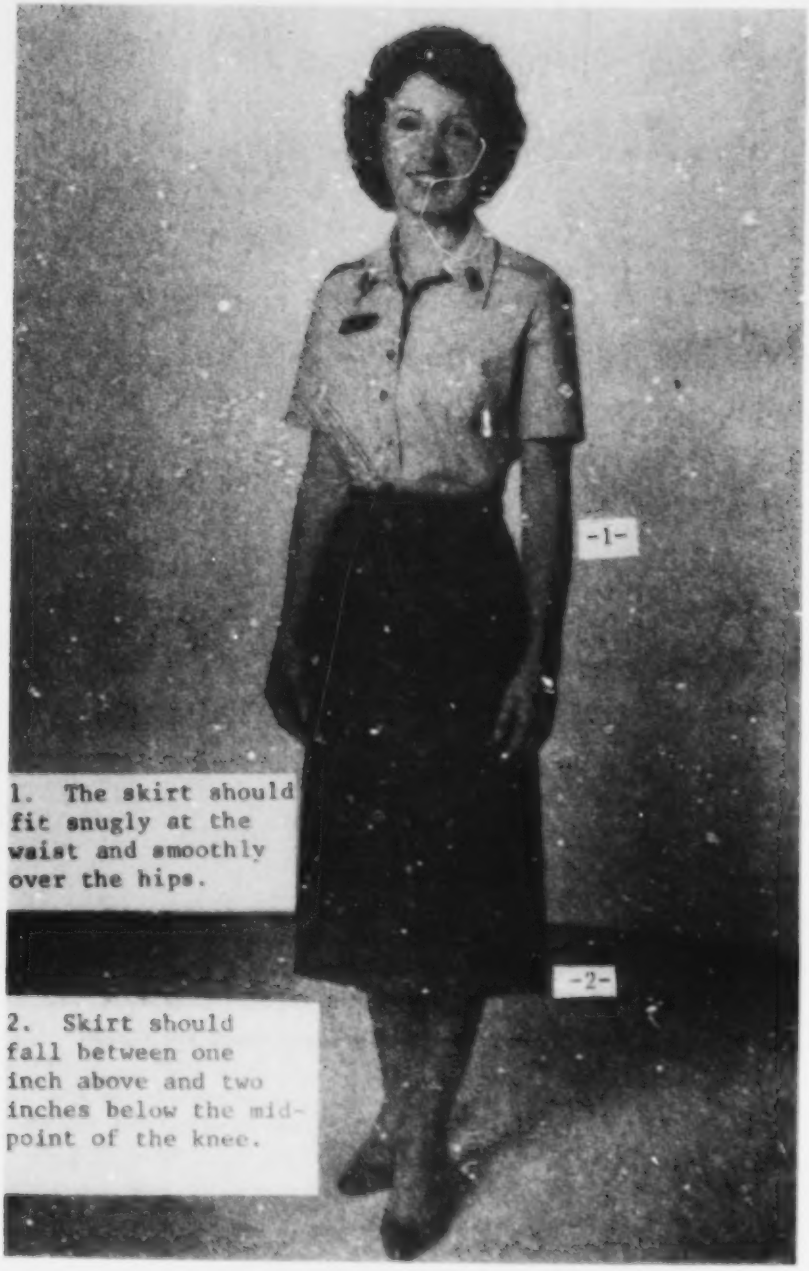

-1-
1. The skirt should fit snugly at the waist and smoothly over the hips.
-2-
2. Skirt should fall between one inch above and two inches below the mid-point of the knee.

Figure 4–9–4. Proper Fit of Classic Uniform Skirt

Figure 4–9–5. Proper Fit of Classic Uniform Slacks

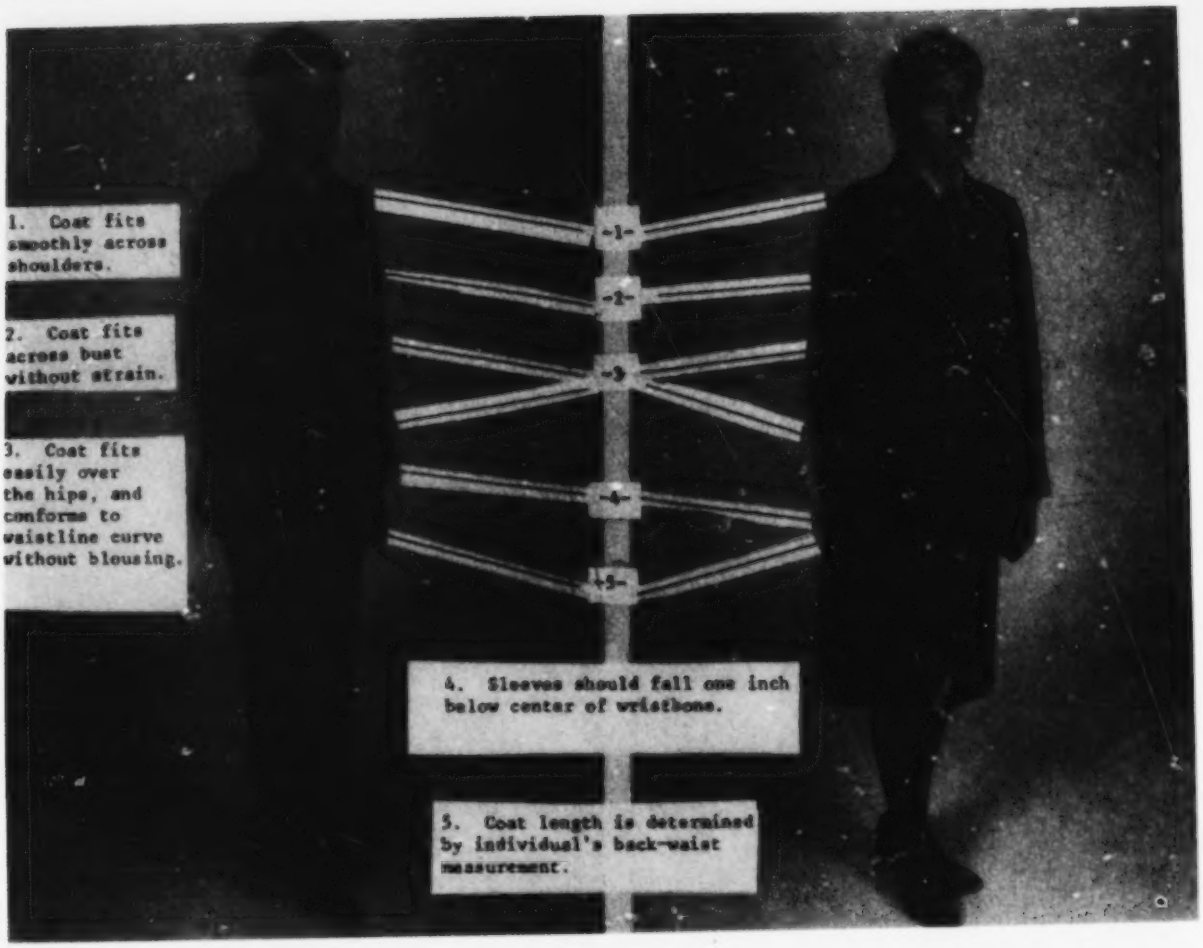

1. Coat fits smoothly across shoulders.
2. Coat fits across bust without strain.
3. Coat fits easily over the hips, and conforms to waistline curve without blousing.
-1-
-2-
-3-
-4-
-5-
4. Sleeves should fall one inch below center of wristbone.
5. Coat length is determined by individual's back-waist measurement.

Figure 4–9–6. Proper Fit of Classic Uniform Coat

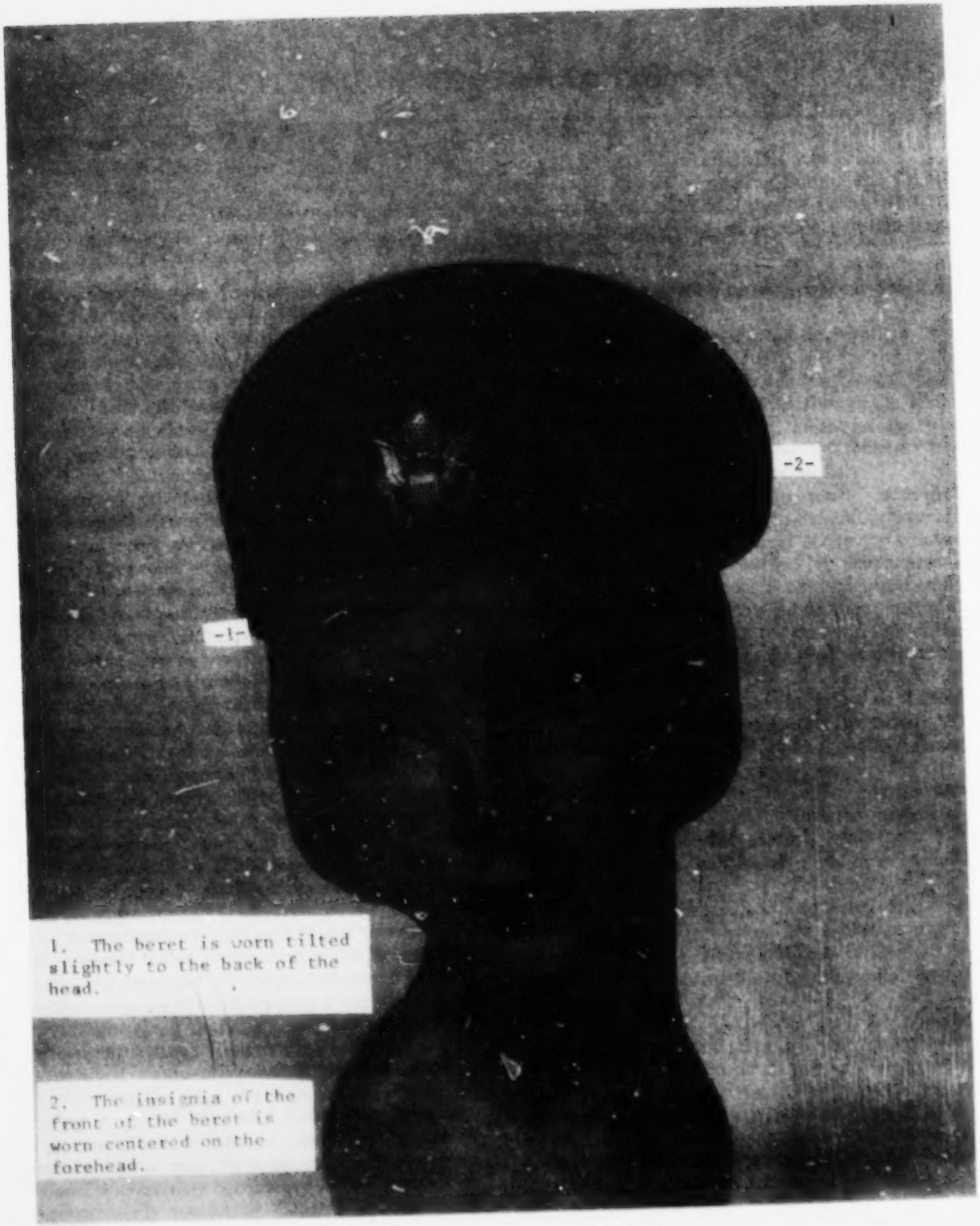

-2-
-1-
1. The beret is worn tilted slightly to the back of the head.
2. The insignia of the front of the beret is worn centered on the forehead.

Figure 4–9–7. Proper Wear and Fit of Beret

CHAPTER 5

FITTING OF FOOTWEAR ITEMS

5-1 General Principles. Proper fitting of military footwear depends on the effectiveness and knowledge of the fitter. The following principles are provided as a basis for proper fitting methods and techniques.

a. Foot Construction. The foot is so constructed that each of its parts contributes directly to the supporting and transportation of the body weight. Structure, shape, and size of feet vary considerably with some feet long and narrow, and others short and wide. The length, heel width, and arch structure may also vary making both feet of an individual seldom exactly alike. Despite these normal differences, most individuals can be correctly and comfortably fitted with standard military footwear.

b. Concept of Fit. The basic goals of proper fitting are to insure maximum comfort and prevent foot injury. A properly fitted shoe will hold the foot securely in the shoe from the lacing at the instep to the heel and have sufficient room in the front for the foot to be free from restriction (fig. 5-1).

c. Misfitted Footwear. Improperly fitted footwear may cause many ailments, not all of them confined to the foot. The continual wearing of misfitted footwear may affect health, morale, and efficiency. Fallen arches, bunions, callouses, corns, blisters, ingrown toenails, distorted toes and aching feet often result from poorly fitted footwear. Following are three types of misfitted footwear and the problems they may cause:

(1) *Short Shoe.* A short shoe prevents natural expansion of the foot. Back pressure of the forepart of the foot transmitted to the arch, jams arch bones out of normal position and contributes to fallen arches. Pressure forces a spreading of the toe jointss, irritates the great and little toes, and contributes to ingrown toenails and the formation of bunions.

(2) *Tight Shoe.* A tight shoe presses the toes together so that they often overlap and restrict the flow of blood. Frequently, the bottom of the foot is extended over the edge of the innersole, gradually pressing a groove into the flesh. This pressure causes the flesh to become sore and painfully calloused. Corns may form between and over the toes and the feet may become weakened, distorted, and permanently injured.

(3) *Oversize shoe.* An oversize shoe prevents normal foot function by failing to provide adequate support. As the foot spreads, it throws the weight-bearing portion of the foot out of position and abnormally expands the arch. The foot tends to ride forward and sideways, causing chafing at the heel, toes, bottom, and outside of the foot. When worn for running or long marches, an oversize shoe will cause discomfort and fatigue.

5-2 Measuring and Fitting of Footwear Items. *a. Foot Measuring Device.*

(1) *Use.* The foot measuring device (fig.5-2) is used to measure the individual's feet for the initial try-on size. The device measures the "heel to ball" length and the "ball" width. Even though the device has proven to be 75% accurate, the actual size to be issued must be determined after the footwear has been tried on and checked for proper fit.

(2) *Operation.* To insure an accurate measurement, make sure the individual is wearing properly fitted socks, OG wool socks for combat boots and nylon black socks for low-quarters. Womens dress oxford shoes should be fitted while wearing nylons. There should be no apparent tightness or excessive fullness of the material. Following are the operation procedures for the foot measuring device (fig. 5-2).

(a) Seat the individual being fitted so the foot measuring device is located directly below the knees. In this position, the legs and feet are relaxed and can be easily placed on the device.

(b) Place hands over the instep and position both feet on the device making sure the feet are fitted snugly against the heel stop.

(c) Have the individual stand and remove hands (fig. 5-2-1).

(d) Adjust the heel to ball measurement bar until it fits properly against the ball-joint of the great toe. Hold in position and slide the ball width bar until it gently presses against the outer ball of the foot.

(e) First read the "heel to ball" length measurement, then find the same length number on the ball width bar and determine the appropriate width. For example, if the "heel to ball" length measures size 8, and the number 8 on the ball width bar is in the "R" width block, the try-on size would be 8R. If the number on the ball width bar is near the dividing line of two widths, select the larger width for the try-on size.

(f) Repeat on opposite foot.

b. Fitting of Socks. Check socks while the individual is standing, weight evenly distributed on

both feet. Socks should fit with no apparent tightness or fullness (wool socks should be fitted slightly larger to allow for shrinkage). The Size Correlation Chart (fig. 5-2-2) is only a guide for selecting the initial try-on size. Socks should be tried on and checked for proper fit.

c. Selection for Initial Try-on Size.

(1) *Determining Length Size.* Measure each foot separately and select initial try-on size by comparing the measured length of each foot. Select the initial try-on size as follows: (see fig. 5-2-3 for correlation of Female to Male Size Boots).

(a) If both feet measure the same length size, select that size for the initial try-on. For example, if both feet measure size 8, select size 8 for initial try-on.

(b) If one foot measures one-half size longer than the other, select the longest size for initial try-on. For example, if one foot measures size 8, and the other 7½, select size 8 for initial try-on.

(c) If one foot measures a full size longer, select the size halfway between the two sizes that were measured. For example, if one foot measures size 8½, and the other 7½, select size 8 for initial try-on.

(d) When an individual cannot be properly fitted with one tariff size, try-on two different sizes. If the proper fit is achieved with two different sizes, there is no need for special measurement footwear. The individual will only be charged the single pair price and the remaining unused footwear disposed of in accordance with AR 700-84.

(2) *Determining Width Size.* Measure each foot separately and compare the measured width of each foot as follows.

(a) If both feet measure the same width, select that width for initial try-on. For example, if both feet measure a regular (R) width, select the regular width for initial try-on.

(b) If one foot measures a full width wider that the other, the widest measurement is used to select the try-on size.

(c) If one foot measures two widths wider than the other select the width half-way between the two measurements. For example, if one foot measures regular (R), and the other measures extra narrow (XN), select narrow (N) for initial try-on.

(d) If the foot measures more than half-way between two widths, select the larger width for initial try-on. If the foot measures less than halfway, select the smaller width.

(e) When an individual cannot be properly fitted with one width of a specific footwear item, try-on two different widths. If the proper fit is achieved, special measurement footwear is not required. The individual will be charged for a single pair and the remaining unused footwear disposed of in accordance with AR 700-84.

d. Fitting of Footwear. During the initial fitting, the fitter should take as much time as necessary with each individual to insure a correct fit. Misfits are not only expensive; continued wear may result in physical injury to the wearer. To minimize the number of misfits, the fitter should first make sure the individual is wearing properly fitted socks and the shoes/boots are completely laced and tied (boots must be laced at least through the bottom five eyelets). With the individual standing, weight evenly distributed on both feet, the fitter must make the following checks:

(1) *Arch Fit.* To check arch fit, position the right hand over the instep of the individuals right shoe/boot (fig. 5-2-4). Press the fingers firmly against the inner arch close to the sole, making sure the leather fits snug, but not tight, against the under arch. The arch area of the shoe/boot should be free from wrinkles or excessive fullness (fig. 5-2-5). Check the left shoe/boot in the same manner, using the left hand.

(2) *Ball-Joint Position.* Locate the ball-joint position with the thumb of each hand (fig. 5-2-6). When correctly positioned, the ball-joint will be opposite the widest part of the shoe/boot, and the vamp will fall directly across the toe joint (fig. 5-2-7). The ball-joint position should also be checked while the individual is in the "full knee bend" position. With the individual in this position, heels off the floor, the ball-joint should be in line with the break in the shoe/boot.

(3) *Width.* To check the shoe width, place a thumb on each side of the shoe near the ball-joint. Press thumbs firmly, working each thumb towards the center of the shoe/boot until they almost meet (fig. 5-2-8). The foot should fill the shoe without tightness, however, excessive fullness should be avoided (fig. 5-2-9). It is better to allow a slight fullness of the leather at this point, rather than the shoe/boot fitting too snugly.

(4) *Length.* To check toe clearance, depress the front of the shoe/boot with the thumb; there should be at least ½-inch of clearance between the longest toe and the end of the shoe (fig. 5-2-10). The toe clearance should also be checked with the individual in the "full knee bend" position. The toe clearance in this position should remain ½-inch. When fitting hard-toe shoes/boots, a toe terminus indicator (fig. 5-2-11) may be required to determine toe clearance.

5-3 Shoe-Fitting Facilities. *a. General Requirements.* The fitting area should be equipped with a shoe-fitting platform, foot measuring devices, and

an adequate number of chairs, benches, and tables. The shoe-fitting platform should be designed to conform to the physical arrangement and available space at the facility, and should be large enough to accommodate the number of individuals normally processed daily.

b. A shoe-fitting platform (fig. 5-3) 16 ft long, 3 ft wide, and 34-inches high is recommended. The platform should be equipped with a 12-foot-long bench, 14-inches wide and 18-inches high, with a 9-foot-long kickboard.

5-4. Items of Footwear and Sizes Available. The following illustrations of socks, plastic insoles, boots, shoes, and overshoes, contain the item identification and national stock number for the smallest and largest sizes: See Table 5-1 (fig. 5-4 & 5-4a) for available sizes:

a. Boots Combat, Leather, Black (fig. 5-4-1).

b. Boots Hot Weather, Men's, Leather, Cotton-Nylon Duck (fig. 5-4-2).

c. Boots Firemen's, Rubber, Black 29" high (fig. 5-4-3).

d. Boots Hip, Men's, Rubber, Black, Waterproof, Nonskid (fig. 5-4-4).

e. Boots Cold Weather, Men's, Rubber, Black, Insulated (fig. 5-4-5).

f. Boots Extreme Cold Weather, Men's, Rubber, White, Insulated (fig. 5-4-6).

g. Boots Knee, Men's Rubber, Black (fig. 5-4-7).

h. Boots Ski-Mountain, Men's, High, Blucher, Leather, Black (fig. 5-4-8).

i. Ventilating Insoles Plastic for Combat Boots (fig. 5-4-9).

j. Overshoes, Boots Combat, High, Vinyl Plastisol, Olive Green (fig. 5-4-10).

k. Overshoes, Women's, Gray High, Vinyl Plastic, Low Oxford Heel (fig. 5-4-11).

l. Shoes, Men's Dress Oxford, Leather, Black (fig. 5-4-12).

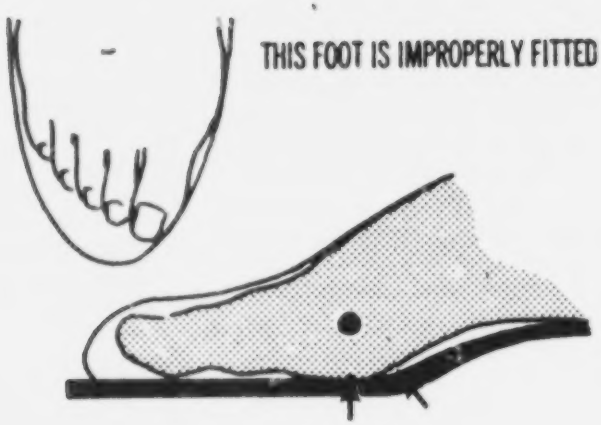
m. Shoes, Women's, Dress Oxford, Leatheg, Black (fig. 5-4-13).

n. Shoes Gymnasium, Men's/Women's, Low White, Cotton Duck (fig 5-4-14).

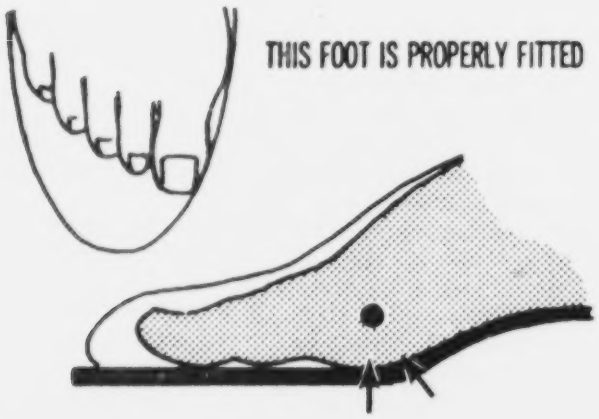
o. Shoes Nonsparking, Leather, Black (fig. 5-4-15).

p. Socks, Men's Black, Cotton-Nylon, Stretch Type (fig. 5-4-16).

q. Socks, Men's, OG 408, Wool-Nylon-Cotton, Stretch Type (fig. 5-4-17).



The toes are cramped and twisted. This condition stops ventilation and causes excessive perspiration which results in rotting of inner soles, linings, and upper leather. Short shoes such as these cause enlarged great-toe joints and bunions, as well as general foot discomfort. Each step strains the foot arch. Without support under its entire arch span, the foot sags down, nerve and blood vessels are pinched, thereby interfering with circulation. Foot ailments usually follow these conditions.



Arch base of shoe and ball joint of foot meet at the same point. Foot arch rests comfortably on shank of shoe, full length. Foot and shoe bend at the same place—no sagging. Toes are straight. There is ample space in front of the toes—no crowding of toes, ample ventilation. These feet should be comfortable.

Figure 5-1. Proper Fitting of Footwear

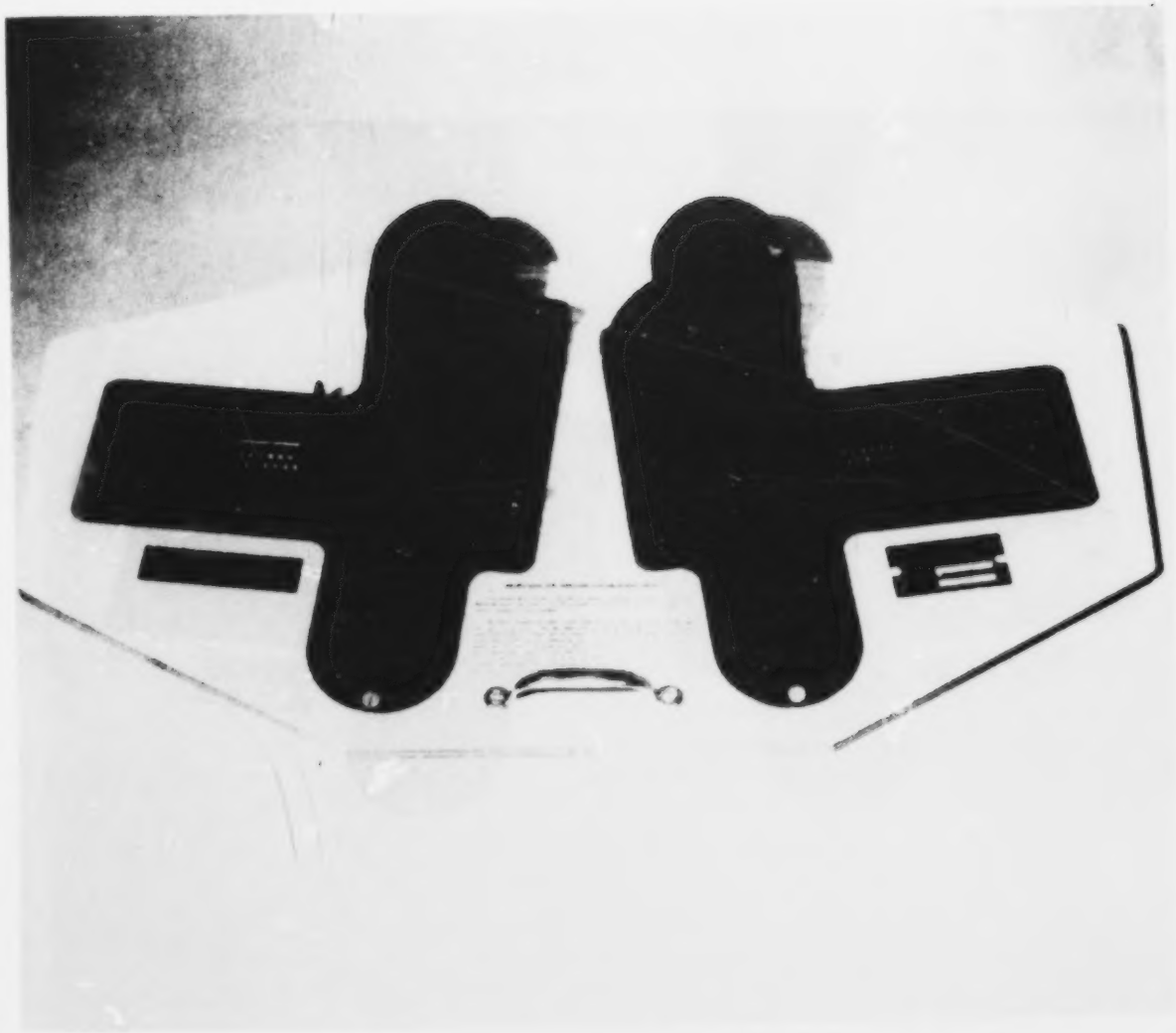


Figure 5-2. Foot Measuring Divice

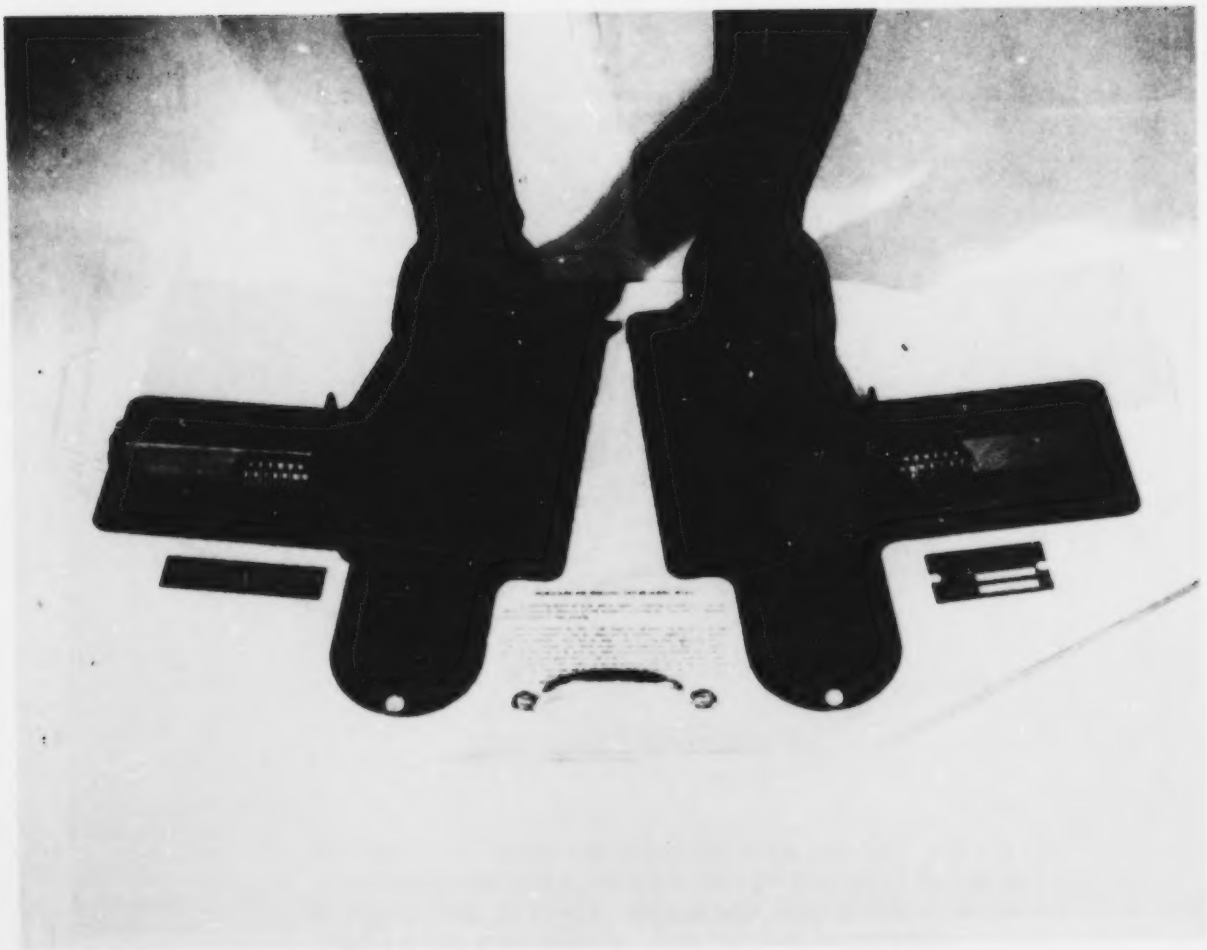


Figure 5-2-1. Operation Procedures for the Foot Measuring Device.

Size Correlation Chart For Socks

Shoes/Boot Size	*Sock Size*
3, 3½	XX Small
4, 4½	X Small
5, 5½, 6	Small
6½ thru 10½	Medium
11 thru 14	Large
14½ thru 15½	X Large

Figure 5-2-2.

To Be Used For Guidance Only—Does Not Replace The Try-On Method

Correlation of Female To Male Size Boots

Female Boot Size	*Male Boot Size*
3B	2R
4B&C	3R
4E	3XW
4½B&C	3½R
4½D&E	3½W
5A	4XN
5B	4N
5C	4R
5D&E	4W
5EE	4XW
5½A	4½N
5½B&C	4½R
5½D&E	4½W
5½EE	4½XW
6A	5N
6B&C	5R
6D&E	5½W
6½A	5½N
6½B&C	5½R
6½D&E	5½W
7A	6N
7B&C	6R
7D&E	6W
7½A&AA	6½N
7½B&C	6½R
7½D&E	6½W
8A&AA	7N
8B&C	7R
8D&E	7W
8½A	7½N
8½B&C	7½R
8½D	7½W
8½E	7½XW
9A&AA	8N
9B&C&D	8R
9E	8W
9½A	8½N
9½B	8½R
9½C&D	8½W
10B	9R
10D	9W
10½B	9½R
11AA&B	10R
11½B	10½R
13½AA	12½N

Figure 5-2-3.

Figure 5-2-4. Check of Arch Fit

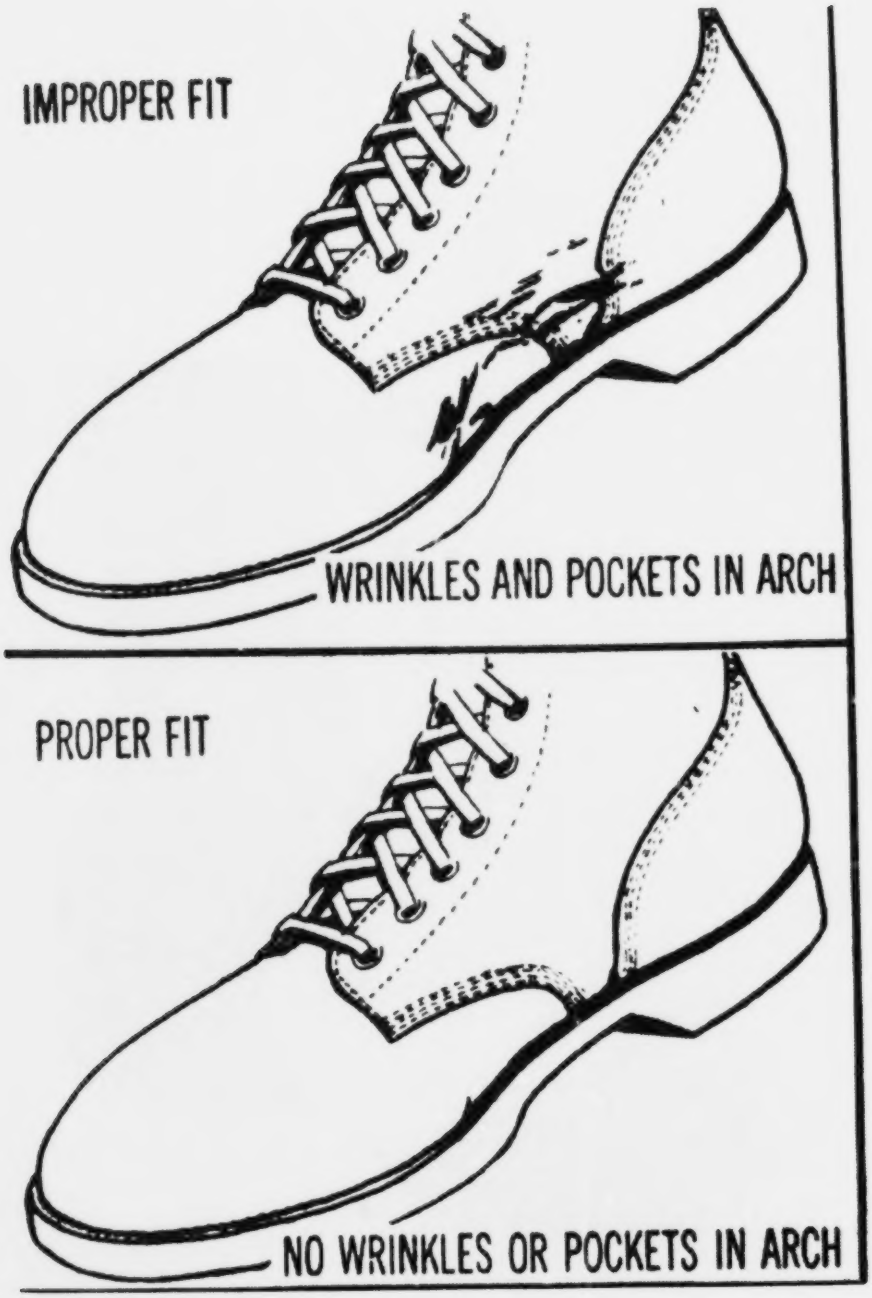


Figure 5-2-5. Proper and Improper Arch Fit

Figure 5-2-6. Locating the Ball-Joint Position

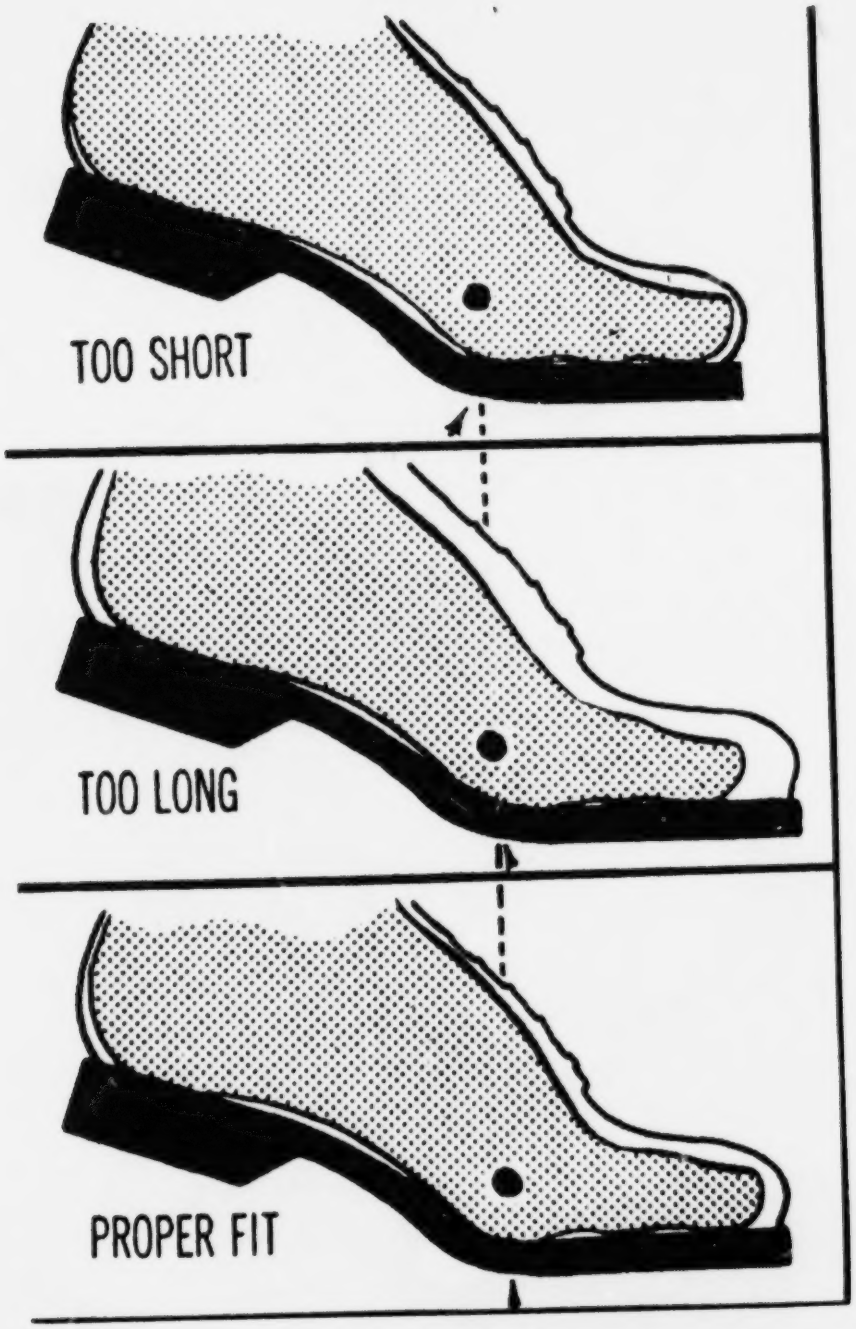
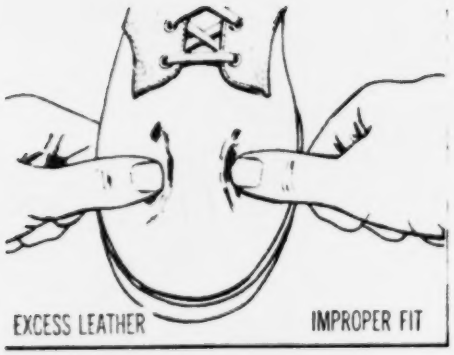


Figure 5-2-7. Proper and Improper Ball-Joint Position.

Figure 5-2-8. Check of the Shoe/Boot Width.



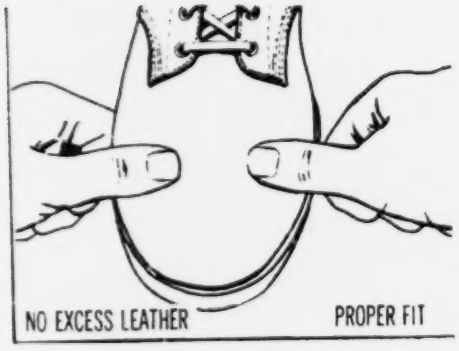


Figure 5-2-9. Proper and Improper Shoe/Boot Width.

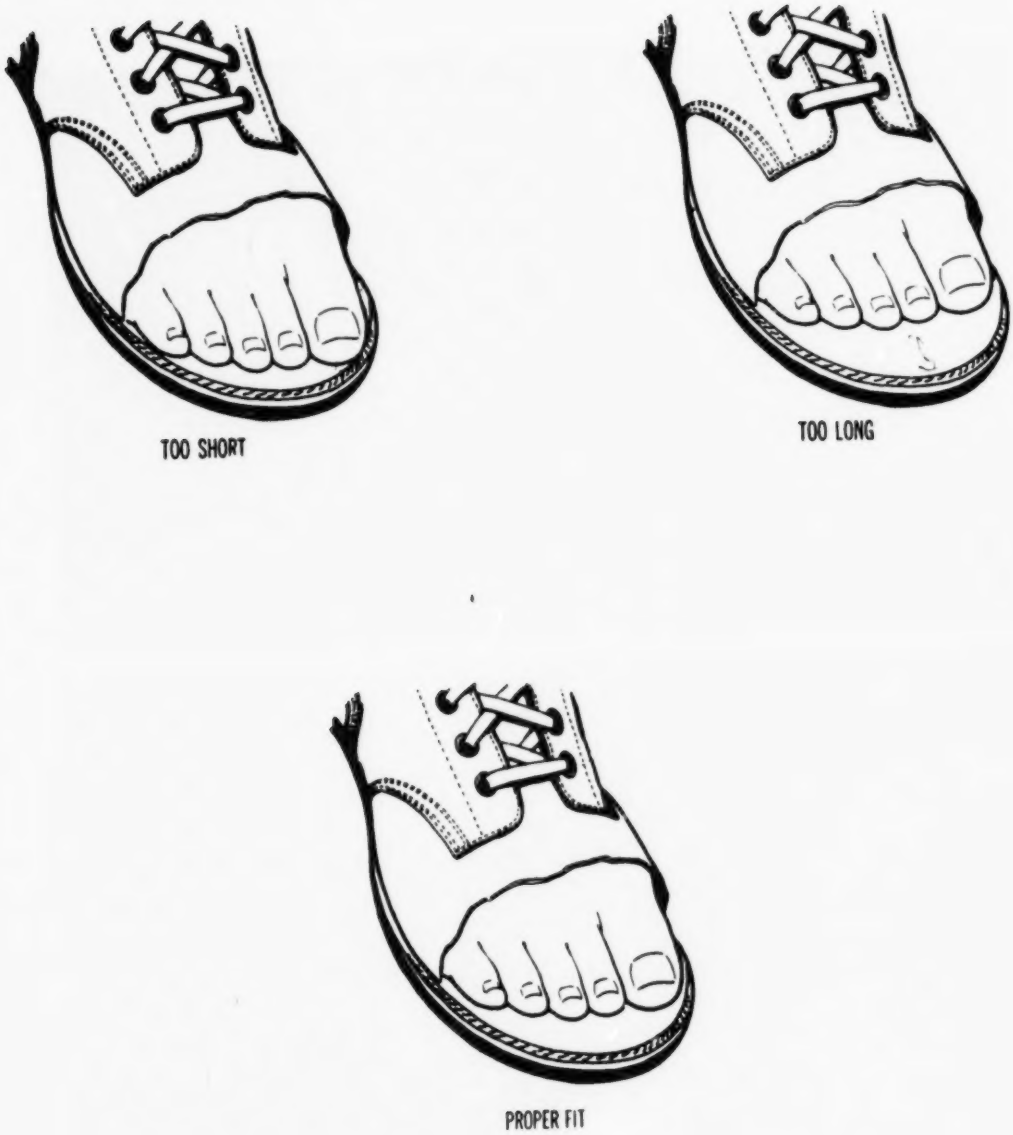


Figure 5-2-10. Proper and Improper Foot Clearance in Shoe.

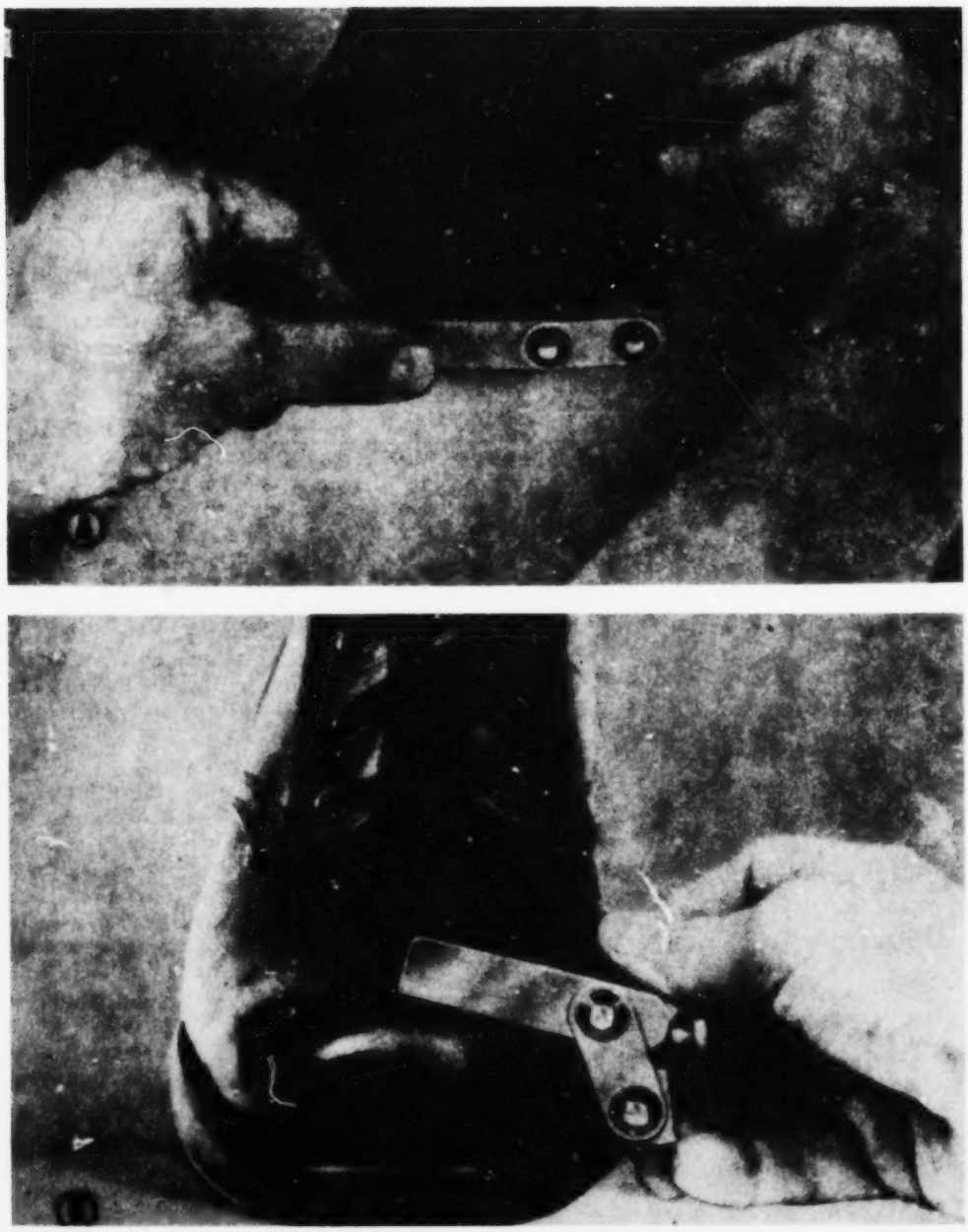


Figure 5-2-11. Proper Use of Toe-Terminus Indicator.

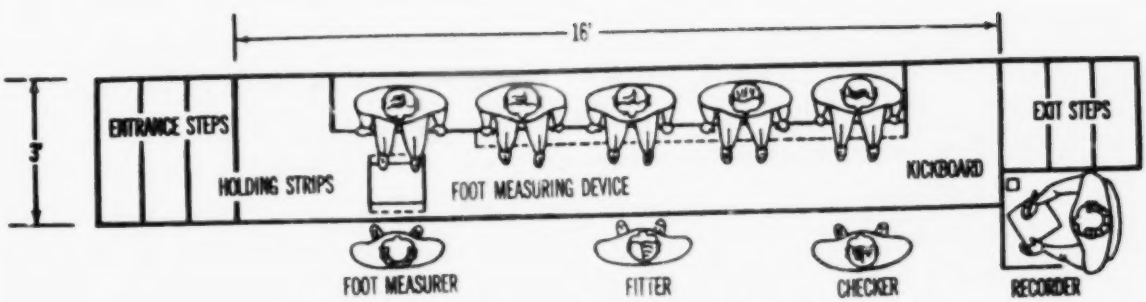


Figure 5-3. Diagram of Shoe-Fitting Platform for Processing 100 to 300 Individuals Daily.

Table 5-1

Item	*Width*	Size																										
		3	3½	4	4½	5	5½	6	6½	7	7½	8	8½	9	9½	10	10½	11	11½	12	12½	13	13½	14	14½	15
Cold Weather Boot Black	XN					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Insulated	N	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
(fig. 5-4-5)	R	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Men & Women)	W	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	XW	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Combat Boot Leather	XN					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
(fig. 5-4-1)	N	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
(Men & Women)	R	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	W	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	XW	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Dress Shoe Men	XN					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
(fig. 5-4-12)	N			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	R			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	W			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	XW			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Dress Shoe Women	AAAA							X	X	X	X	X	X	X	X	X	X	X								
(fig. 5-4-13)	AAA							X	X	X	X	X	X	X	X	X										
	AA			X		X	X	X	X	X	X	X	X	X	X	X	X	X	X							
	A			X	X	X	X	X	X	X	X	X	X	X	X	X										
	B			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							
	C			X	X	X	X	X	X	X	X	X	X	X	X	X										
	D			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								
	E			X	X	X	X	X	X	X	X	X	X	X	X	X										
Extreme Cold Weather	XN					X		X		X		X		X		X		X		X		X		X		X
Boot White Insulated	N	X		X		X		X		X		X		X		X		X		X		X		X		X
(fig. 5-4-6)	R	X		X		X		X		X		X		X		X		X		X		X		X		X
(Men & Women)	W	X		X		X		X		X		X		X		X		X		X		X		X		X
	XW	X		X		X		X		X		X		X		X		X		X		X		X		X
Firemens Boot (fig. 5-4-3)						X		X		X		X		X		X		X		X		X		X		X
Knee Boot (fig. 5-4-7)						X		X		X		X		X		X		X		X		X		X		X
Hip Boot (fig. 5-4-4)						X		X		X		X		X		X		X		X		X		X		X
Gymnasium Shoe		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
(fig. 5-4-14)																										
(Men & Women)																										
Hot Weather Boot	XN					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
(fig. 5-4-2)	N				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
(Men & Women)	R			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	W			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	XW	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Oveshoe Boot Combat	R	X		X		X		X		X		X		X		X		X		X		X		X		
(fig. 5-4-10)																										

Figure 5-4.

Table 5-1—Continued

		3	3½	4	4½	5	5½	6	6½	7	7½	8	8½	9	9½	10	10½	11	11½	12	12½	13	13½	14	14½	15
Overshoe Women's Gray (fig. 5-4-11)				X		X		X		X		X		X		X		X		X						
Safety Shoe Nonsparking (fig. 5-4-15)	XN					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
	N			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
	R			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
	W			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
	XW			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
Ski Mountain Boot (fig. 5-4-8)	AA					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
	A					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
	B					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
	C					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
	D					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
	E					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
	EE					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
	EEE					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			

Figure 5-4 (Continued).

Boots Combat, Leather, Black
NSN 8430-01-030-2147
NSN 8430-00-782-3131

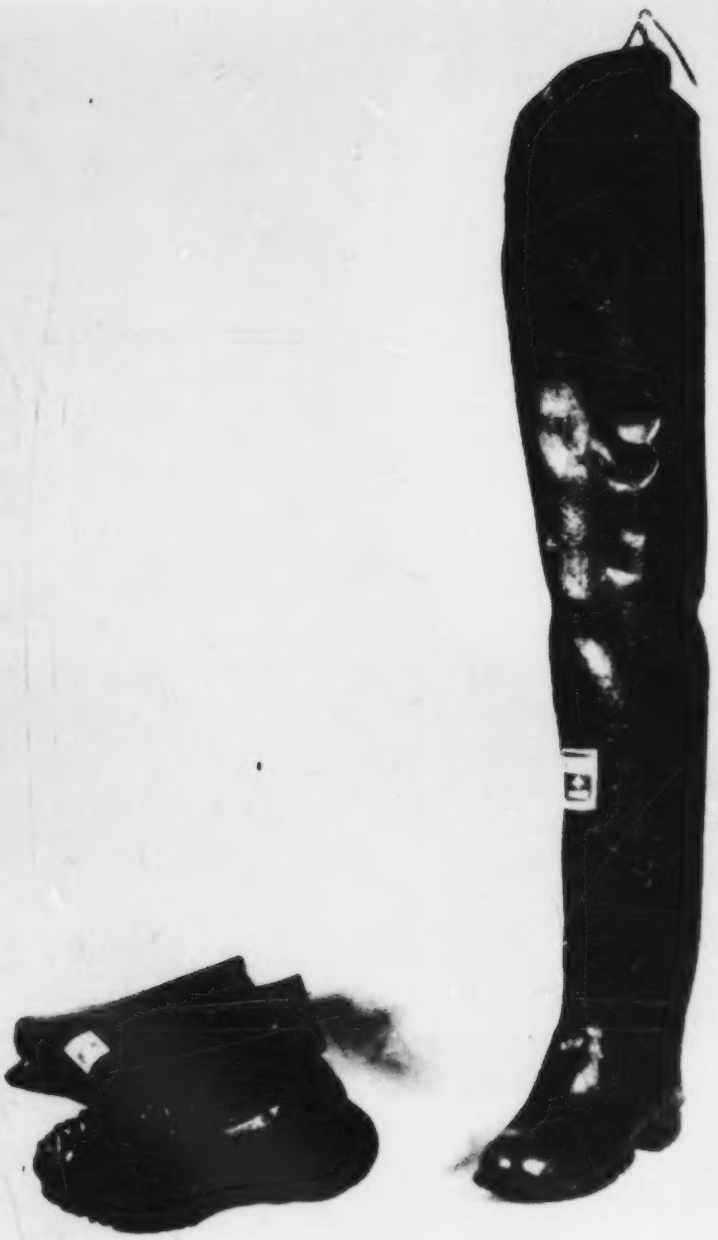
Figure 5-4-1.

Boots Hot Weather, Men's Leather
Cotton-Nylon Duck
NSN 8430-00-186-7106
NSN 8430-00-141-0777

Figure 5-4-2.

Boots Firemen's, Rubber, Black 29" high
NSN 8430-00-753-6105
NSN 8430-00-082-5492

Figure 5-4-3.

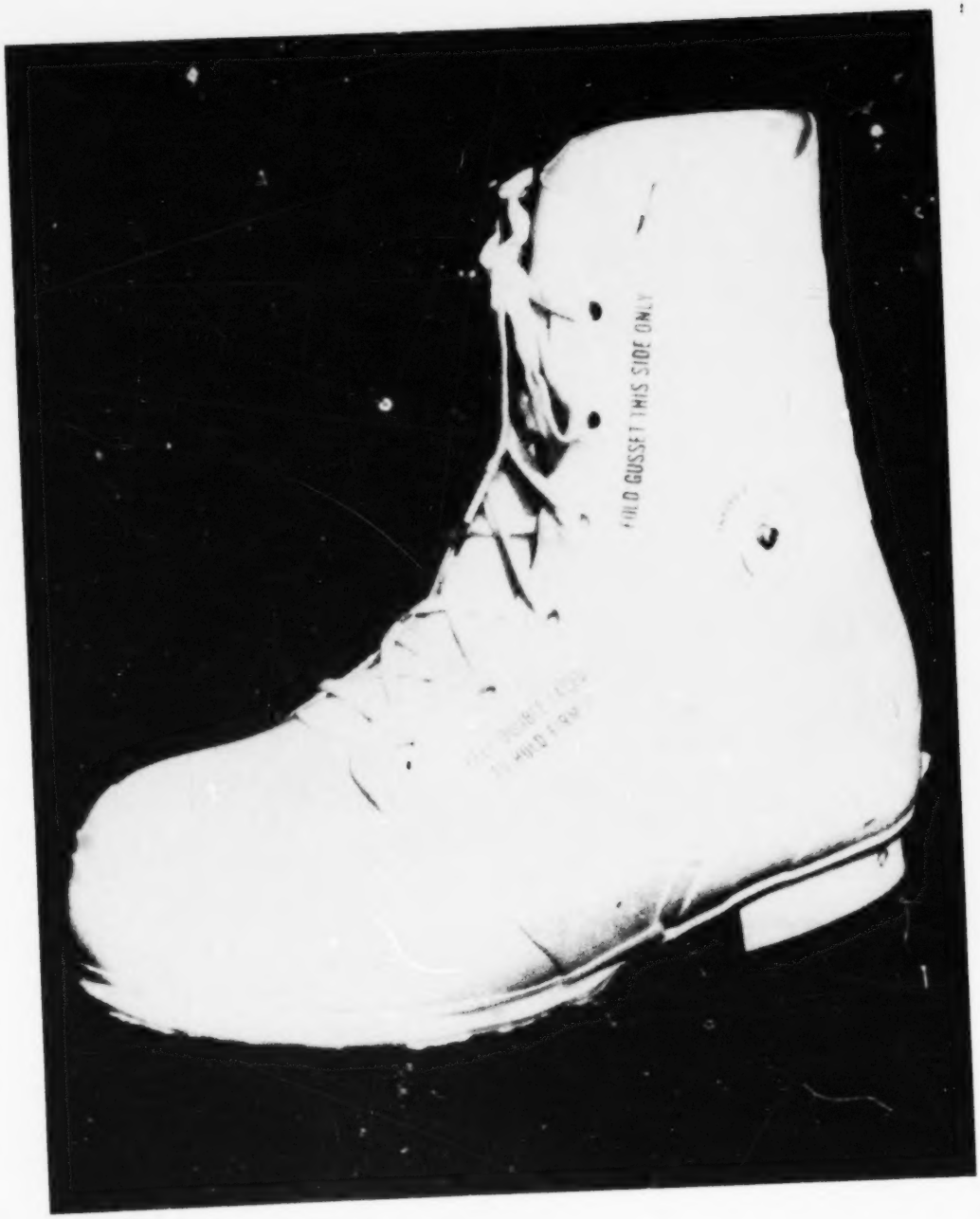


Boots Hip, Men's, Rubber, Black,
Waterproof, Nonskid
NSN 8430-00-241-2775/2783

Figure 5-4-4.

Boots Cold Weather, Men's, Rubber,
Black, Insulated
NSN 8430-00-823-7024/7075

Figure 5-4-5.



Boots Extreme Cold Weather,
Men's, Rubber, White, Insulated
NSN 8430-00-823-6902/6922

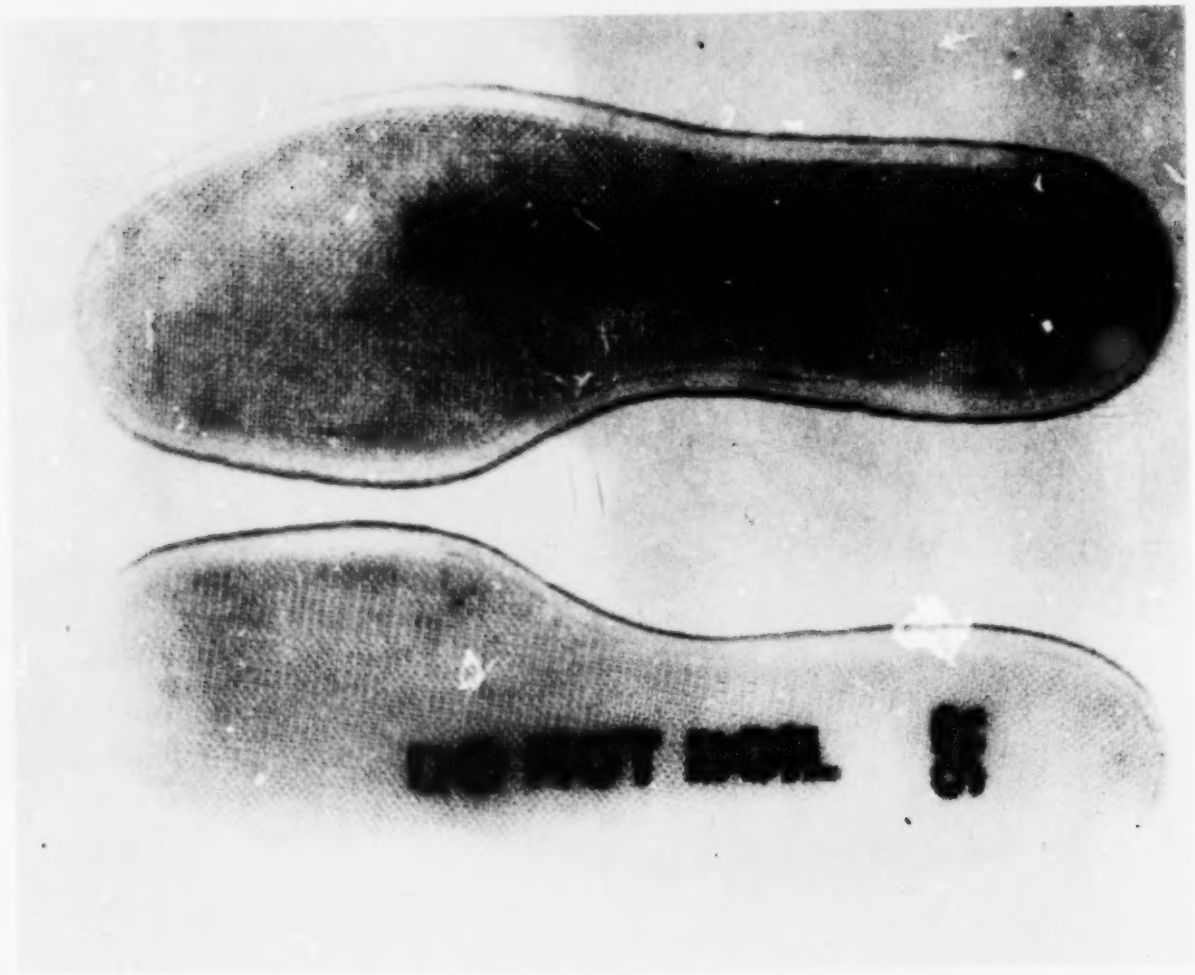
Figure 5-4-6.

Boots Knee, Men's, Rubber, Black
NSN 8430-00-262-8252/8278

Figure 5-4-7.

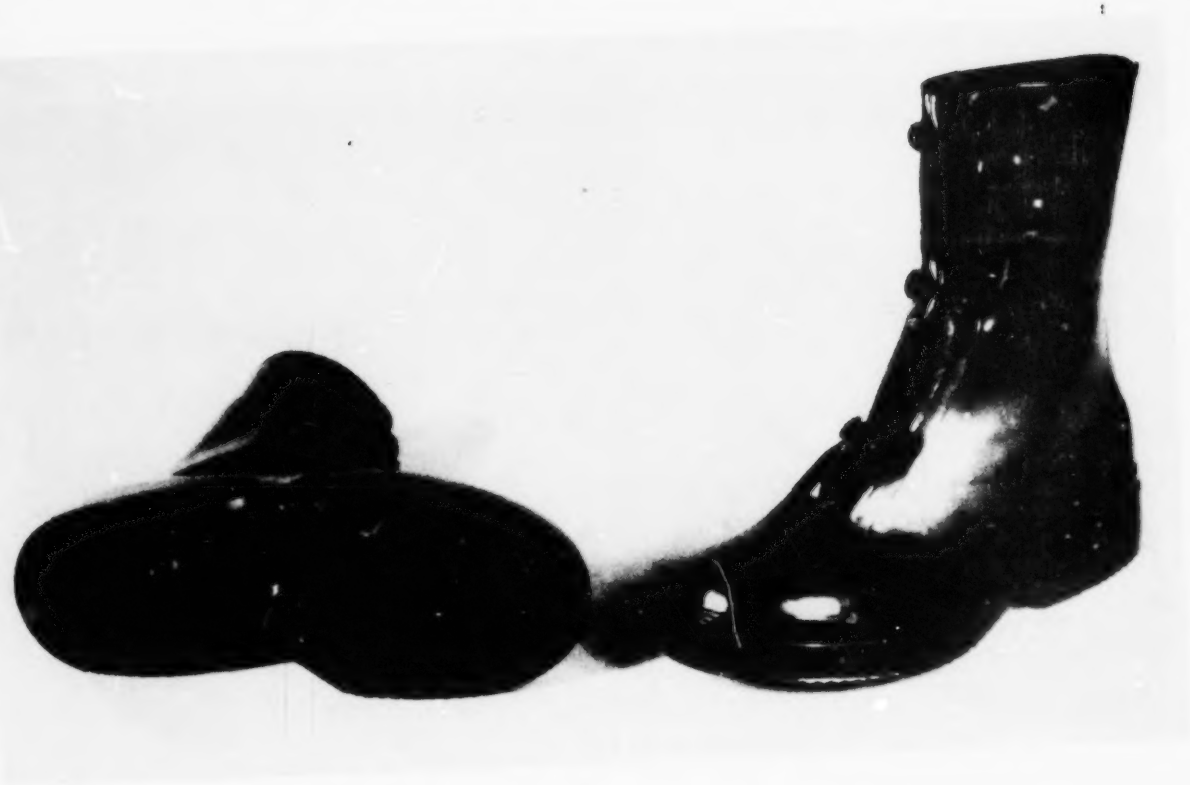
Boots Ski-Mountain, Men's High
Blucher, Leather, Black
NSN 8430-00-458-0135/0392

Figure 5-4-8.



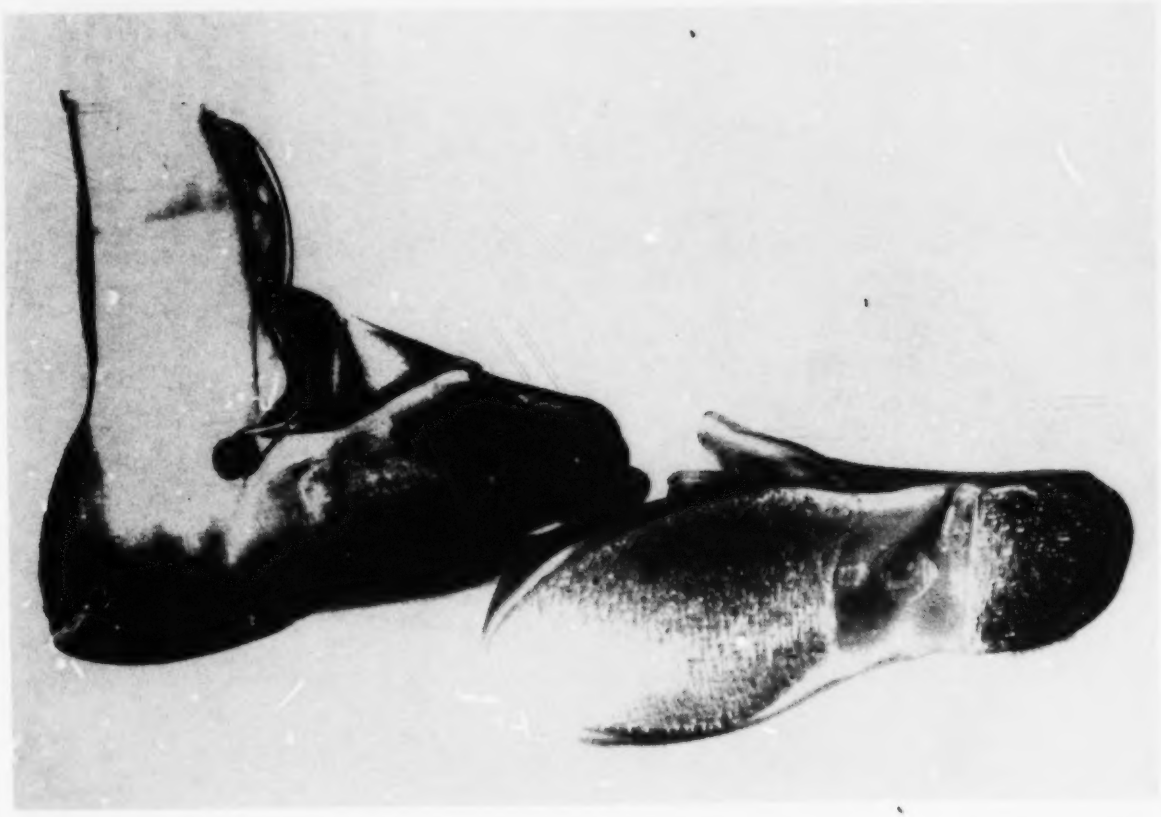
Ventilating Insoles Plastic for
Combat Boots
NSN None (insoles are issued with
combat boots, not separately requisitioned)

Figure 5-4-9.



Overshoes, Boots Combat, High, Vinyl
Plastisol, Olive Green
NSN 8430-01-048-6305
NSN 8430-01-049-0887

Figure 5-4-10.



Overshoes, Women's, Gray, High,
Vinyl Plastic, Low Oxford Heel
NSN 8435-00-823-7165/7173

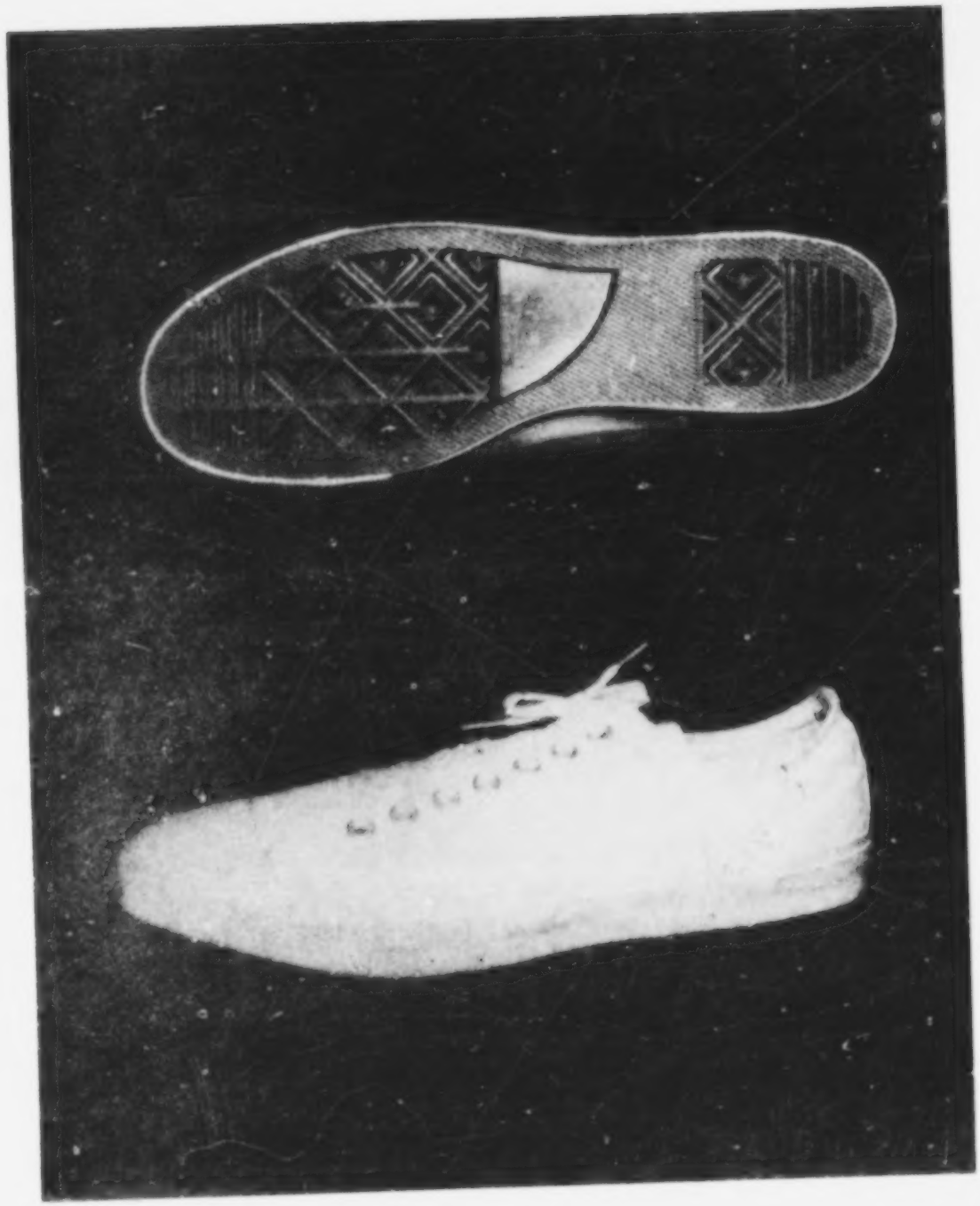
Figure 5-4-11.

Shoes, Men's, Dress Oxford,
Leather, Black
NSN 8430-00-559-4228/4143

Figure 5-4-12.

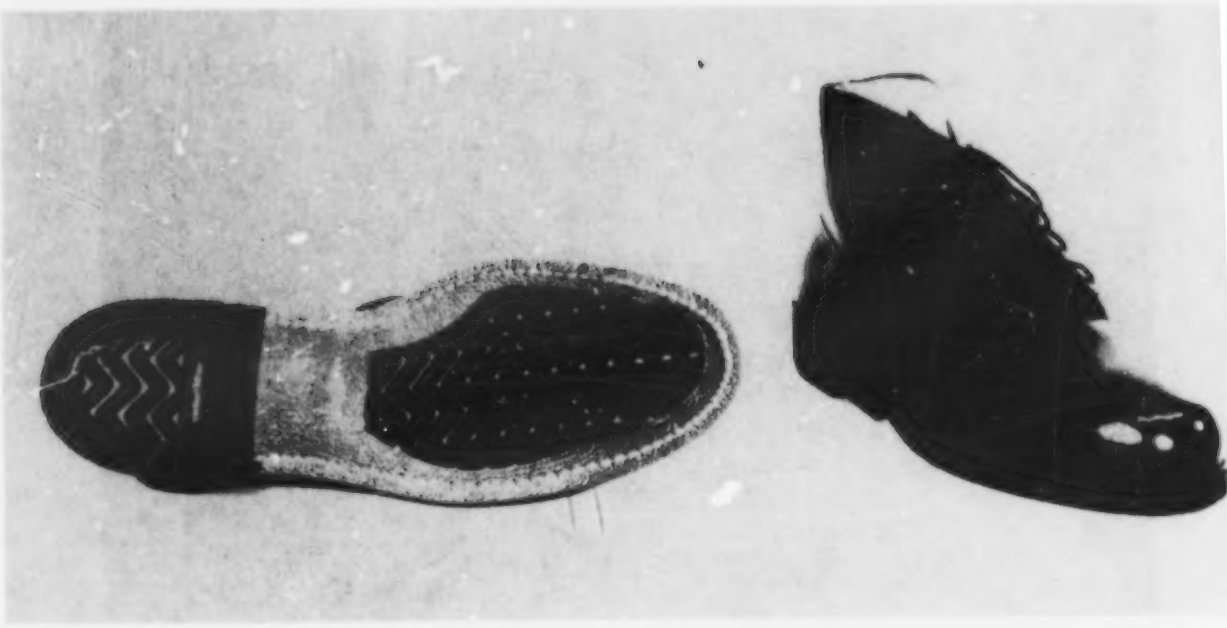
Shoes, Women's, Dress Oxford,
Leather, Black
NSN 8435-00-577-5206
NSN 8435-00-985-7350

Figure 5-4-13.



Shoes, Gymnasium, Men's (Women's), Low, White, Cotton Duck
NSN 8430-00-257-5752/5858

Figure 5-4-14



Shoes Nonsparking, Leather, Black
NSN 8430-00-926-6052/9937

Figure 5-4-15.

Socks, Men's, Black, Cot
Stretch Type
NSN 8440-01-067-2867

Figure 5-4-16.

Socks, Men's, OG 408,
Wool-Nylon-Cotton, Stretch Type
NSN 8440-00-960-2505/2507

Figure 5-4-17.

APPENDIX A

NORTH ATLANTIC TREATY ORGANIZATION
(NATO)

MILITARY AGENCY FOR STANDARDIZATION
(MAS)

STANDARDIZATION AGREEMENT

SUBJECT: INTERCHANGEABILITY OF COMBAT CLOTHING SIZES

Promulgated on 13 May 1976

(W.C. LEONARD)
Major-General, Canadian Forces,
Chairman, MAS

NATO UNCLASSIFIED

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STANAG 2335
Edition No. 2

NAVY/ARMY/AIR

NATO STANDARDIZATION AGREEMENT (STANAG)

INTERCHANGEABILITY OF COMBAT CLOTHING SIZES

Annexes : A. Data Affecting Concept of Fit

Related Documents: STANAG 2311 (CC) - Principles Governing the Design of the Individual Load Carrying Equipment of the Combat Soldier

AIM

1. The aim of this agreement is to establish between the NATO Forces a sizing system of new equivalents in combat clothing, to facilitate interchangeability between them.

AGREEMENT

2. The NATO Forces concerned agree to apply as far as possible the guiding details listed below governing the interchangeability of combat clothing sizes.

GENERAL

3. This agreement is primarily limited to combat clothing used under temperate conditions, but the principles could be applied to combat clothing designed for other climatic conditions, and to specialized combat clothing such as Armoured Fighting Vehicle (AFV) crew clothing.

4. It is not necessary to achieve full standardization of sizes in order to achieve interchangeability, although standardization should be the ultimate aim.

STATEMENT OF DETAILS

5. The details governing interchangeability of sizes are:

a. Because of national differences in combat clothing design and the relationship between body measurements and garment measurements, body measurements will be used as a basis of comparison and interchangeability. Garment measurements, peculiarities of design and concept of fit can be taken into account when interpreting basic comparisons between the sizes of two or more countries.

b. Measuremen's will be expressed in metric units and may also be expressed in English units.

c. In order to effect interchangeability, each country must use the same body control measurements. These will be in the form of bivariates and will be height and chest for jacket sizing, and inside leg and waist for trouser sizing. This does not preclude any country from using additional body control measurements for national purposes if it is so desired.

d. Gradients will be used to form height groups and girth groups in the size scales. Ideally each country will use a 5 cm gradient or multiple thereof for each dimension, using the 0, 5, 10, 20 progression, but a degree of interchangeability can be achieved without this, for example the US system of using 2-inch multiples for sizing US field clothing is almost equivalent to the 5 cm gradient.

e. Overlapping of size gradients will be avoided if at all possible, as will gaps between gradients.

f. Eight figure NATO code symbols will be used to denote given sizes in order to facilitate interchange. Countries may retain a national size symbol in addition to the NATO symbol. This may be expressed in adjectival form.

g. The NATO symbol will be used on all garment labels and size scales.

h. Countries will use as few sizes as possible compatible with the national concept of fit and logistic effort required to maintain the sizes in the supply system.

j. Future work on sizing in all countries should aim towards further standardization of gradients and ultimately actual sizes

UTILIZATION

6. Transparencies for the purpose of comparing sizes between participating nations are at the following enclosures:

Enclosure I	(1)	BE
Enclosure II	(2)	CA
Enclosure III	(3)	DA

RECORD OF AMENDMENTS

Amdt. No.	Reference and date of amendment	Date entered	By whom entered - Signature and Rank	Remarks

EXPLANATORY NOTES

AGREEMENT

1. This NATO Standardization Agreement (STANAG) is promulgated by the Chairman MAS under the authority vested in him by the NATO Military Committee.

2. No departure may be made from the agreement without consultation with MAS. Nations may propose alterations at any time should they consider that the original has become obsolete or requires improvement. Such proposals should be submitted to MAS where they are processed in the same manner as the original agreement.

3. Ratifying nations have agreed that national orders, manuals and instructions implementing this STANAG will include a reference to the STANAG number for purposes of identification.

DEFINITIONS

4. Ratification is 'The declaration by which a nation formally accepts the content of this Standardization Agreement'.

5. Implementation is 'The fulfilment by a nation's forces concerned of their obligations under this Standardization Agreement'.

RATIFICATION, IMPLEMENTATION AND RESERVATIONS

6. Page iii gives details of the state of ratification and implementation of this agreement by the NATO nations. If no details are shown in the 'ratification' and 'implementation' columns, it signifies that the nation has not yet notified MAS of its intentions: the appropriate Ministry of Defence is requested to do so as soon as possible.

7. Page iv (and page v, etc. if necessary) gives details of any reservations and proprietary rights that have been stated by nations.

8. If an amendment of substance or a new edition (other than an editorially amended edition) is promulgated, all previous ratification, implementation and reservation/restriction details are deleted from pages iii and iv and the amendment or new edition is processed in the same manner as the original agreement.

NORTH ATLANTIC TREATY ORGANIZATION
ORGANISATION DU TRAITE DE L'ATLANTIQUE NORD

MILITARY AGENCY FOR STANDARDIZATION (MAS)
BUREAU MILITAIRE DE STANDARDISATION (BMS)

1110 BRUSSELS
TEL : 241.00.40 - 241.44.00 - 241.44.90

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Ext. 3676

ARMY BOARD

MAS(ARMY)2335(78)019

16 January 1978

Original English/French translation

To: See distribution on page 2

Subject: STANAG 2335(CC) (EDITION NO. 2) (AMENDMENT NO. 1) - INTERCHANGEABILITY OF COMBAT CLOTHING SIZES

Reference: a. MAS(ARMY)(76)235 dated 13 May 1976

Enclosure: STANAG 2335(CC) (Edition No. 2) (Amendment No. 1)

1. The subject STANAG was promulgated under cover of reference a.. Addressees are requested to:

a. Amend the STANAG in accordance with the enclosure.

b. Destroy revised transparency in accordance with local document destruction procedures.

c. Amend AAP-4(S) to reflect the latest status of this STANAG.

2. The Army Board MAS consider this is an editorial amendment to the STANAG; previous ratifying references and implementation details are deemed to be valid.

(R. LAWSON)
Major General, RNLA
Chairman MAS

Release to other than DOD agencies must be approved by HQ DARCOM (DRCIRD)

ea

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A-6

NORTH ATLANTIC TREATY ORGANIZATION
ORGANISATION DU TRAITE DE L'ATLANTIQUE NORD

MILITARY AGENCY FOR STANDARDIZATION (MAS)
BUREAU MILITAIRE DE STANDARDISATION (BMS)

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Ext : 3676

ARMY BOARD

MAS(ARMY)(76)235

13 May 1976

Original English/French translation

To : See distribution on page 2

Subject : STANAG 2335(CC)(EDITION NO. 2) - INTERCHANGEABILITY OF COMBAT CLOTHING SIZES

Reference : a. MAS(ARMY)(69)369 dated 15 January 1970

Enclosure : STANAG 2335 (Edition No. 2)

1. Enclosed is a copy of a NATO Standardization Agreement which has been ratified by nations as reflected in page iii.

2. Edition No. 2 is an editorial revision of Edition No. 1. Reference a. above should be destroyed with the exception of enclosures I to ~~VI~~ IX. (transparencies), which must be retained as integral part of Edition No. 2.

3. AAP-4(Q) should be amended to reflect the latest status of the STANAG.

(W.C. LEONARD)
Major-General, Canadian Forces,
Chairman, MAS

cj

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DISTRIBUTION/DIFFUSION:

Action Pour attribution	:	All Members of the Army Board MAS/ Tous les membres du Bureau Terre du EMS
Information Pour information	:	Remainder of Army Board List B/ Les autres destinataires de la liste B du Bureau Terre

SECGENNATO (DS DIV), AMF(L), SACEUR, SACLANT, CINCHAN, CINCNORTH, CINCENT, CINCSOUTH, COMNAVSOUTH, CINCEASTLANT, CINCWESTLANT, COMSUBACLANT, COMLANDSOUTH, COMLANDSOUTHEAST, COMAIRSOUTH, COMSTRIKFORSOUTH, COMNORTHAG, COMCENTAG, COMTWOATAF, COMFOURATAF, COMFIVEATAF, COMSIXATAF, COMAAFCE, FINABEL, WEU, File/Dossier, Extra Copies/Exemplaires supplémentaires

Enclosure IV	(4)	FR
Enclosure V	(5)	GE
Enclosure VIA	(6A)	IT
Enclosure VII	(7)	NL
Enclosure VIII	(8)	UK
Enclosure IX	(9)	US
Enclosure X	(10)	GR
Enclosure XI	(11)	NO
ENCLOSURE XII	(12)	TU

7. Any amendments to national size scales and systems should be passed to the project custodian (CA) in order that new transparencies can be prepared.

DESIGNATION OF SIZES

8. In order to designate a NATO size, an eight-figure symbol is used, the first four figures denoting the vertical measurement and the last four figures representing the girth measurement.

Example (Jackets):

Height gradient	170 to 180 cm
Chest gradient	95 to 105 cm
NATO size would be	7080/9505

Example (Trousers):

Inside leg gradient	75 to 80 cm
Waist gradient	80 to 90 cm
NATO size would be	7580/8090

INTERCHANGEABILITY

9. Transparencies have been prepared on each of the participating national size systems for both jacket and trousers, (see Enclosures I to XI). These transparencies show the body control measurements in gradients for each national size of garment.

10. The transparencies of any two countries are overlaid so that the verniers are matched. The equivalent size or sizes of one country can then be read off against the size of any other. Because countries have not standardized on actual sizes or on the 5 cm multiple in the gradients, only in rare instances will one size be equivalent to one size of another country. Despite this, it is possible to make an overall comparison and detail the equivalents for logistic purposes.

11. It is essential that when a country makes an amendment to a size scale, new transparencies are prepared showing the body control measurements, and these transparencies replace those currently in use with this document. The project custodian (CA) must receive details of such amendments to scales as they occur.

CONCEPT OF FIT AND DESIGN DETAILS

12. Annex A contains details on national concepts of fit, shown as differences between body measurements and garment measurements. It also gives details of garments worn underneath the combat clothing which would effect the sizing and also data on any special design features which should be taken into account. These include means of suppressing the girth of a garment, factors affecting length of trousers etc.

13. When making comparisons of sizes full cognizance should be given to the data contained in Annex A, particularly if combat clothing is to be obtained from another country, as all factors discussed have an effect on interchangeability.

14. Again it is essential that, when a country makes changes which affect these factors, Annex A is suitably amended.

ADDITIONAL PARTICIPATION

15. It is possible for non-participating countries to be included in this programme in the future. It will be necessary for such countries to provide data for inclusion in Annex A and for the preparation of transparencies.

IMPLEMENTATION OF THE AGREEMENT

16. This STANAG will be considered to have been implemented when the necessary orders/instructions to adopt the method described in this agreement have been issued to the forces concerned.

COMBAT CLOTHING SIZING

DATA AFFECTING CONCEPT OF FIT AND SPECIAL DESIGN FEATURES

APPENDIX 1. PECULIARITIES OF COMBAT CLOTHING

ITEM	BE	CA	DA	FR	GE	IT	NL	NO	UK	US
1. a. Waist drawstring in jacket	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
b. Possible girth adjustment with drawstring (in cm)	20	-	20-25	35	-	20	Not stated	Not stated	(Note 1)	10
c. Difference in waist measurement bodygarment (in cm)	5 (Note 2)	20.3 30.5	42	(Note 3)	17	40		42	28	10
2. a. Waist adjustment in trousers	Yes	Yes (Note 5)	Yes	No	Yes (Note 6)	Yes	Yes	Yes	Yes	Yes
b. Type of adjustment	Tab and button	Strap and buckle	Drawstring	-		Tab and button	Tab and button	Tab and button	Tab and button	Strap and buckle
c. Possible girth adjustment (in cm)	10	12.7	15-20	-	9	10	8	8	10	7.6
d. Difference in waist measurement - bodygarment	2 (Note 7)	6.25 11.4	25	4.11	6	6	9-13	8	2.5	7.6
3. Type of footwear used with trousers										
a. Ankle boot and puttees	Yes	No	No	(Note 8)	Yes (Note 9)	No	No	Yes	Yes	Yes
b. High boot	Yes	Yes	Yes		Yes	Yes	Yes	Yes	No	Yes
4. If a high boot is used, do trouser legs tuck into boot?	Either	Yes (Note 10)	Yes	(Note 8)	Yes	Yes	No	Yes	-	No
5. When trousers are worn without tucking into boots (or gaiters etc.) at what distance from the ground do they extend when man is wearing combat footwear? (in cm)	12.15	7.6	(reach to ground)	5	Not stated	Not stated	2-7	7	Not stated	(Note 11)

NOTES ON ITEMS 1-5 OF ANNEX A TO STANAG 2335

1. UK states that the amount of suppression is not limited.

2. With drawstring pulled.

3. As chest measurement is the control girth measurement for jackets, waist differentials are not available. Body/garment relationship in the chest ranges from 16 cm (sizes 108 and 120) to 20 cm (size 92). FR states that, by applying 12 cm to these figures which is the chest/waist relationship, an approximation of the waist differential can be arrived at.

4. NL reports a 28-36 cm differential in the chest measurement. Data on jacket waist measurement is to be available.

5. Not on original Mk 1 combat clothing.

6. Non-elasticized waistband in channel with button-holed tabs at the ends.

7. With adjustment made tight.

8. The bottom of the FR trouser has an interior cuff which is placed inside the top of the ankle boot. The bottom (outer) part of the trouser is placed on top and tied with a drawstring. Two buckles are then tightened.

9. For mountain troops.

10. There is a storm cuff on the CA trousers. The inner portion tucks into the boot and the outer portion fastens outside the boot with a drawstring. The trouser legs can also be worn loose to provide ventilation.

11. US states that trouser inseams are 75 cm and 82.5 cm. Distance from ground varies with inside leg measurement of individual.

APPENDIX 1 TO ANNEX A TO
STANAG 2335

PECULIARITIES OF COMBAT CLOTHING DESIGN WHICH AFFECT A COMPARISON OF SIZING BETWEEN COUNTRIES

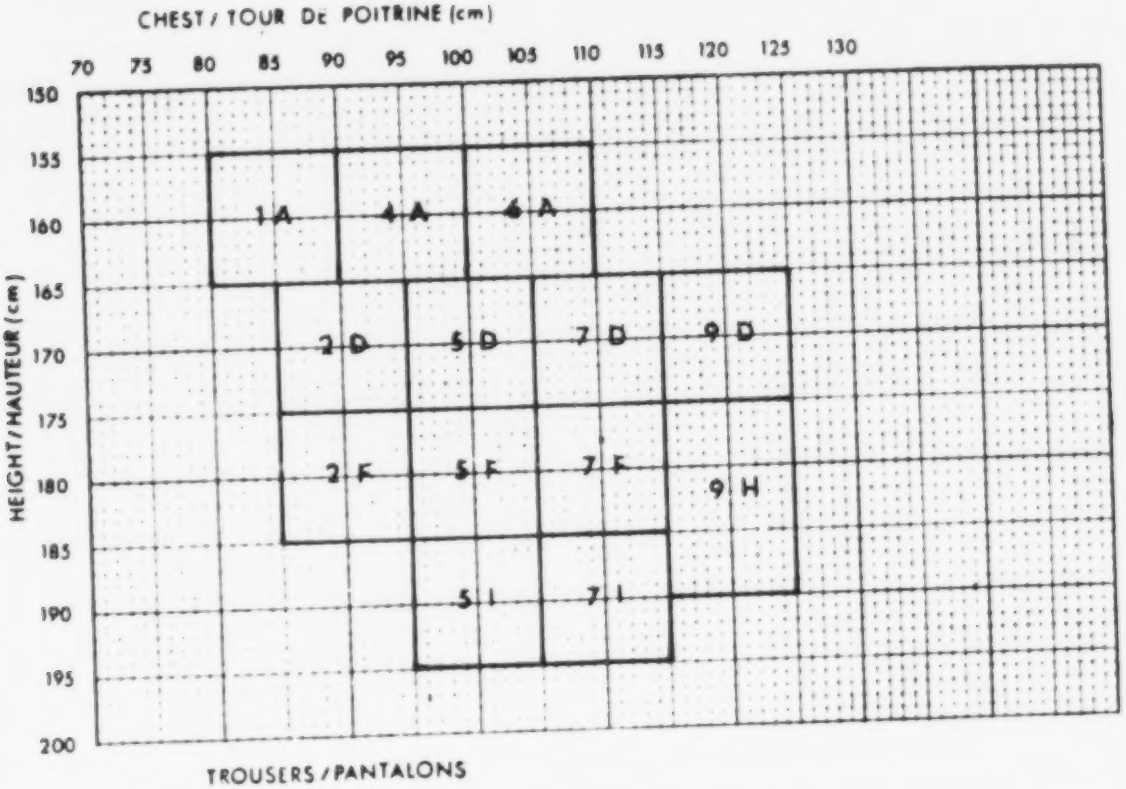
BE	Drawstring at bottom of jacket in addition to waist. Velcro adjustments at lower part of sleeve and at collar of jacket hood can be worn over or under helmet, with cord adjustment face.
CA	None
DA	None
FR	None
GE	Clothing made from a wool fabric with a partial dress uniform appearance. This results in a tighter fit than the combat clothing of other countries. This concept of fit is reflected by the greater number of sizes provided.
IT	None
NL	Trousers worn with separate elastic cord around the top of the high boot. Trouser legs may be rolled up and tied with straps and buttoned.
NO	(Data being provided)
UK	None
US	Drawstring at bottom of jacket

Items of body clothing worn underneath temperate combat clothing:

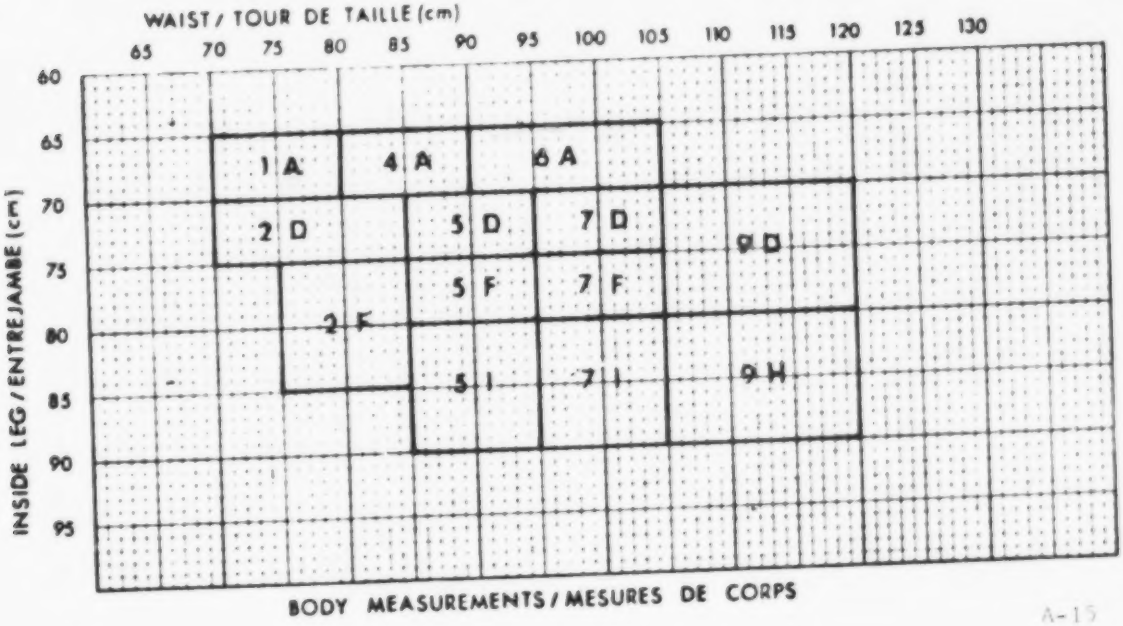
BE	Jacket	singlet, shirt, sweater, training jacket, shirt-jacket
	Trousers	shorts, training trousers or cotton trousers
CA	Underwear	(vest and shorts (summer)) (thermal long sleeve vest and long legged drawers (winter))
	Short/coat Sweater Jacket liner	

DA	Vest M/58 knitted Vest M/58 short sleeves Vest M/58 long sleeves Shirt M/58 Cardigan M/58	Drawers short Drawers M/58 long Trousers, liner, wollen M/58 (armoured vest and armoured trousers also lined)
FR	Underwear Shirt Sweater	
GE	Short-sleeved T-shirts; knitted sports shirt (olive green) with stiff collar; boxer style shorts or lightweight drawers, long (olive green)	
IT	The two-piece combat uniform is designed to be worn over different types of clothing according to temperature and climate.	
NL	Heat insulating jacket and trousers Inner combat jacket and trousers Underwear	
NO	String vest (Brynje) without sleeves Vest with long sleeves (winter) Short, field Sweater Drawers (short legs/summer; long legs/winter)	
UK	Under vest, shirt, sweater, Underpants; drawers, pyjama type	
US	Winter underwear, shirt and trousers OG 108; liner, coat.	

BE JACKET / VESTE

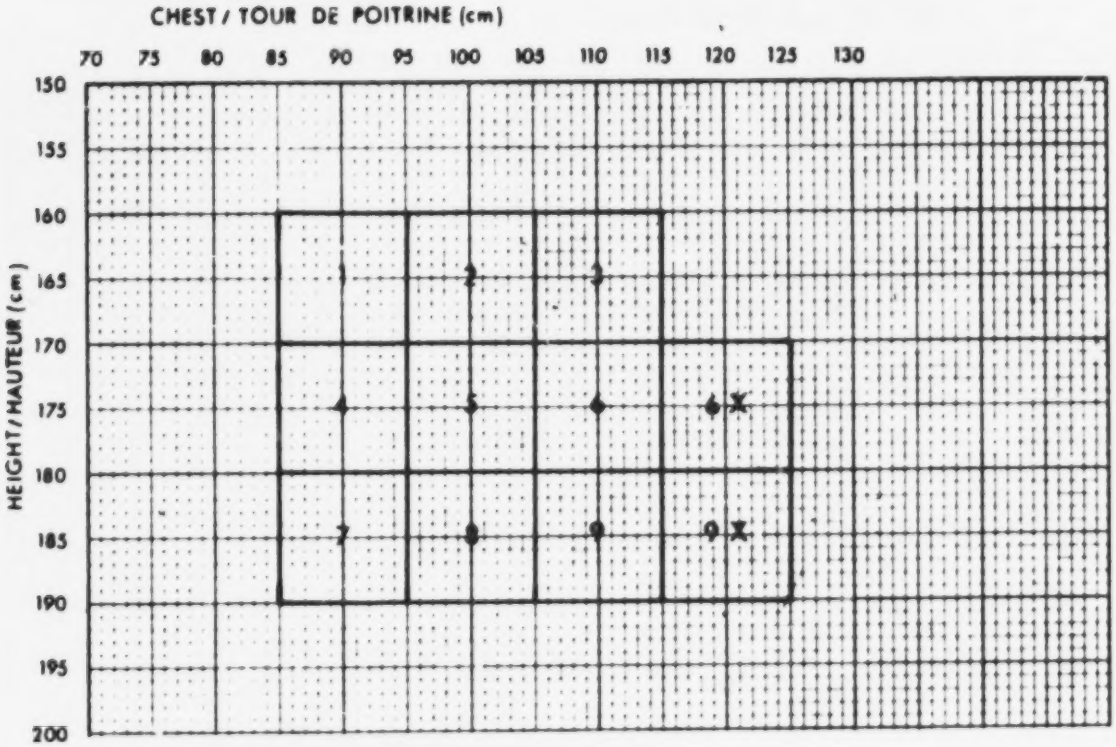


TROUSERS / PANTALONS

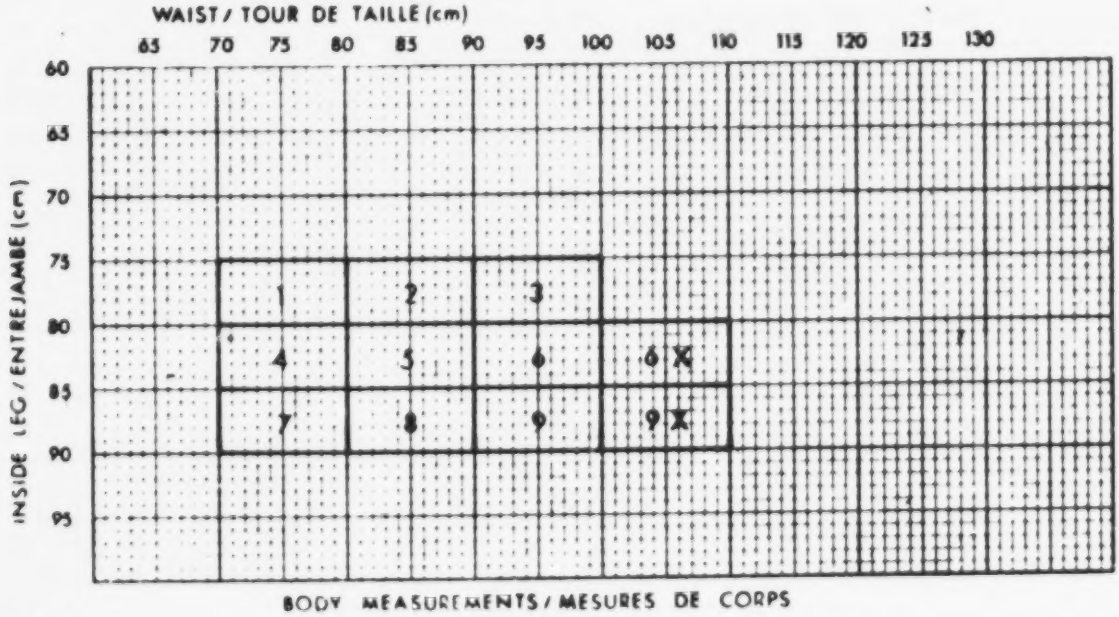


BODY MEASUREMENTS / MESURES DE CORPS

C A JACKET / VESTE



TROUSERS / PANTALONS



BODY MEASUREMENTS / MESURES DE CORPS

DE

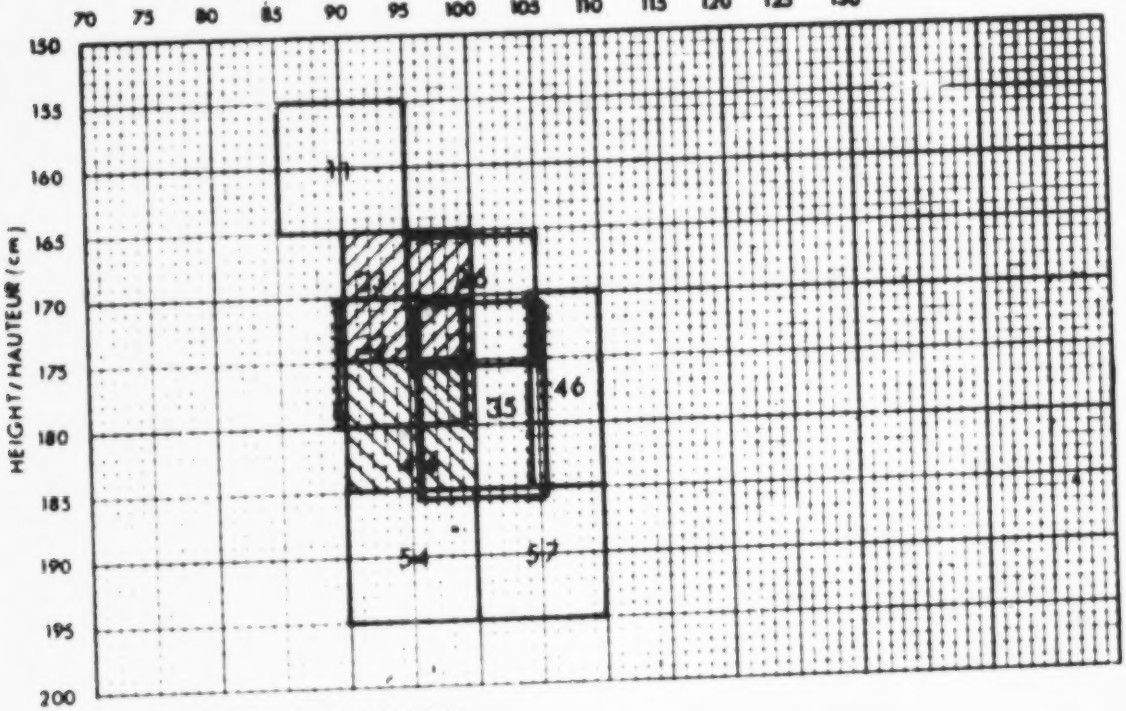
JACKET / VESTE

CHEST / TOUR DE POITRINE (cm)

70 75 80 85 90 95 100 105 110 115 120 125 130

HEIGHT / HAUTEUR (cm)

150 155 160 165 170 175 180 185 190 195 200



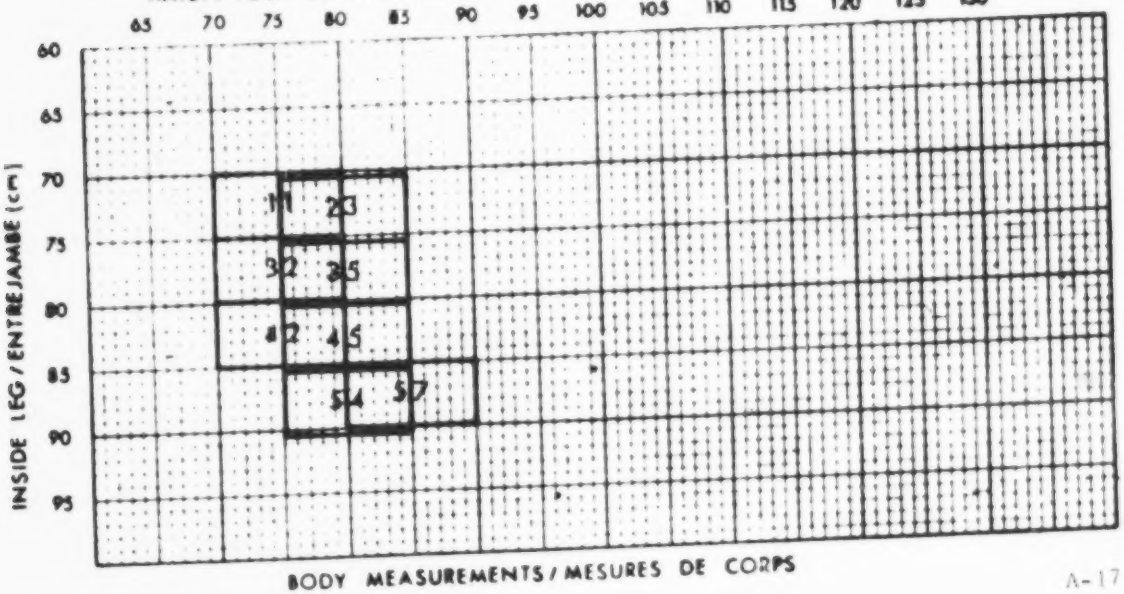
TROUSERS / PANTALONS

WAIST / TOUR DE TAILLE (cm)

65 70 75 80 85 90 95 100 105 110 115 120 125 130

INSIDE LEG / ENTREJAMBE (cm)

60 65 70 75 80 85 90 95

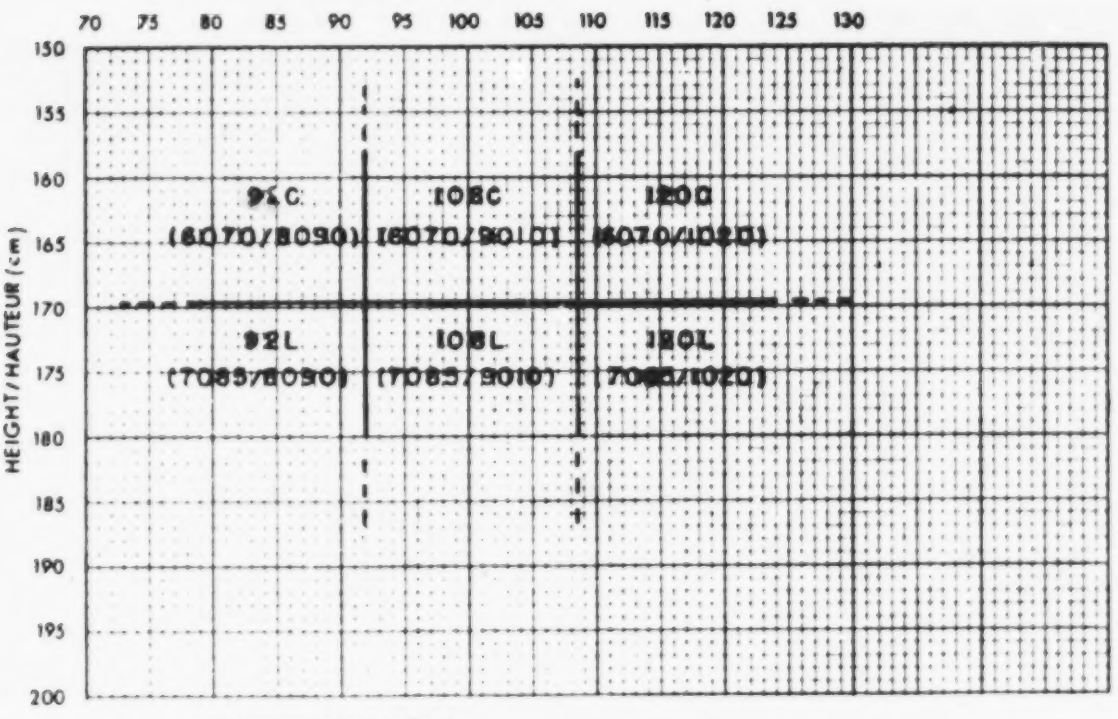


BODY MEASUREMENTS / MESURES DE CORPS

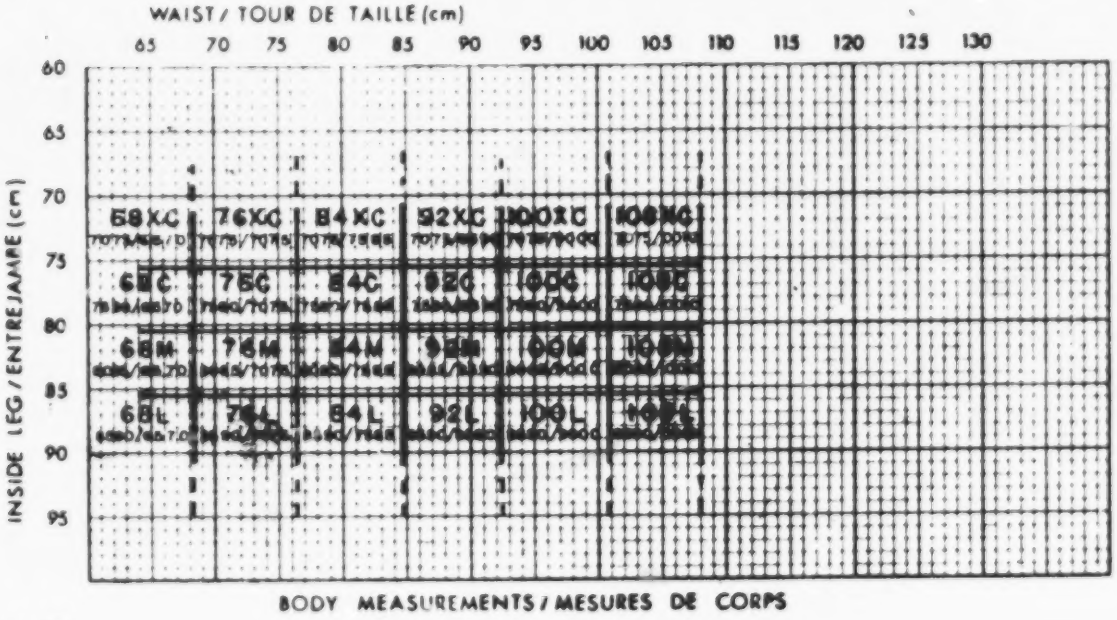
ENCLOSURE 4 TO ANNEX A
TO STANAG 2335
PIÈCE JOINTE 4 À
L'ANNEXE A DE STANAG 2335

FR

JACKET / VESTE



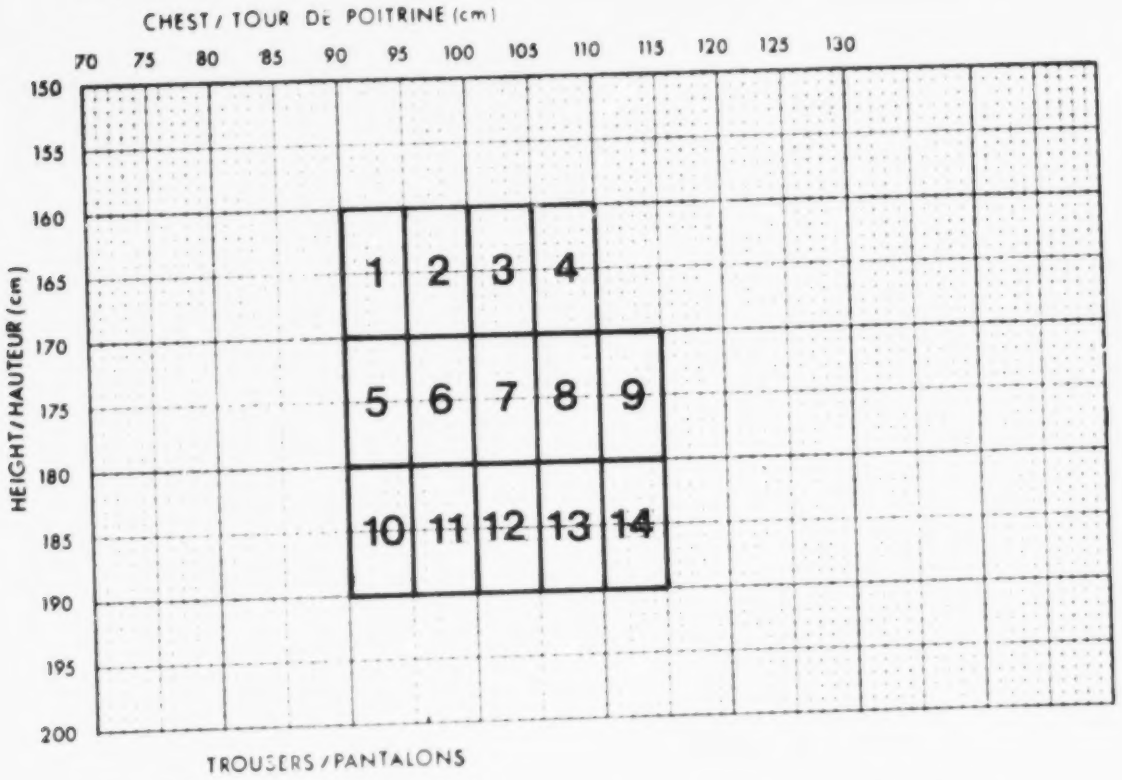
TROUSERS / PANTALONS



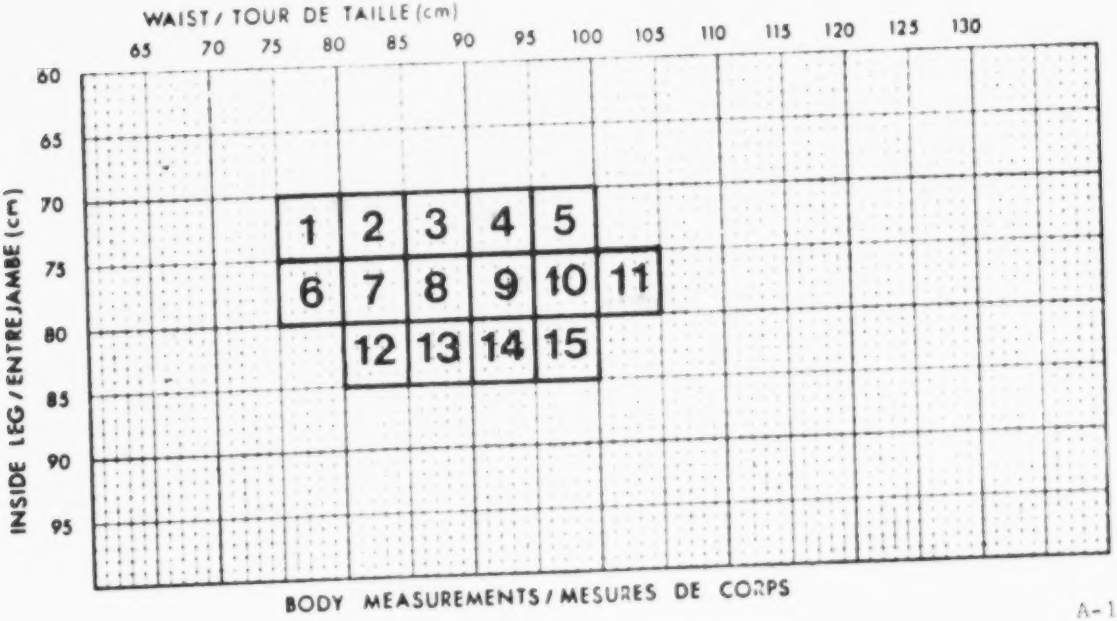
BODY MEASUREMENTS / MESURES DE CORPS

GE

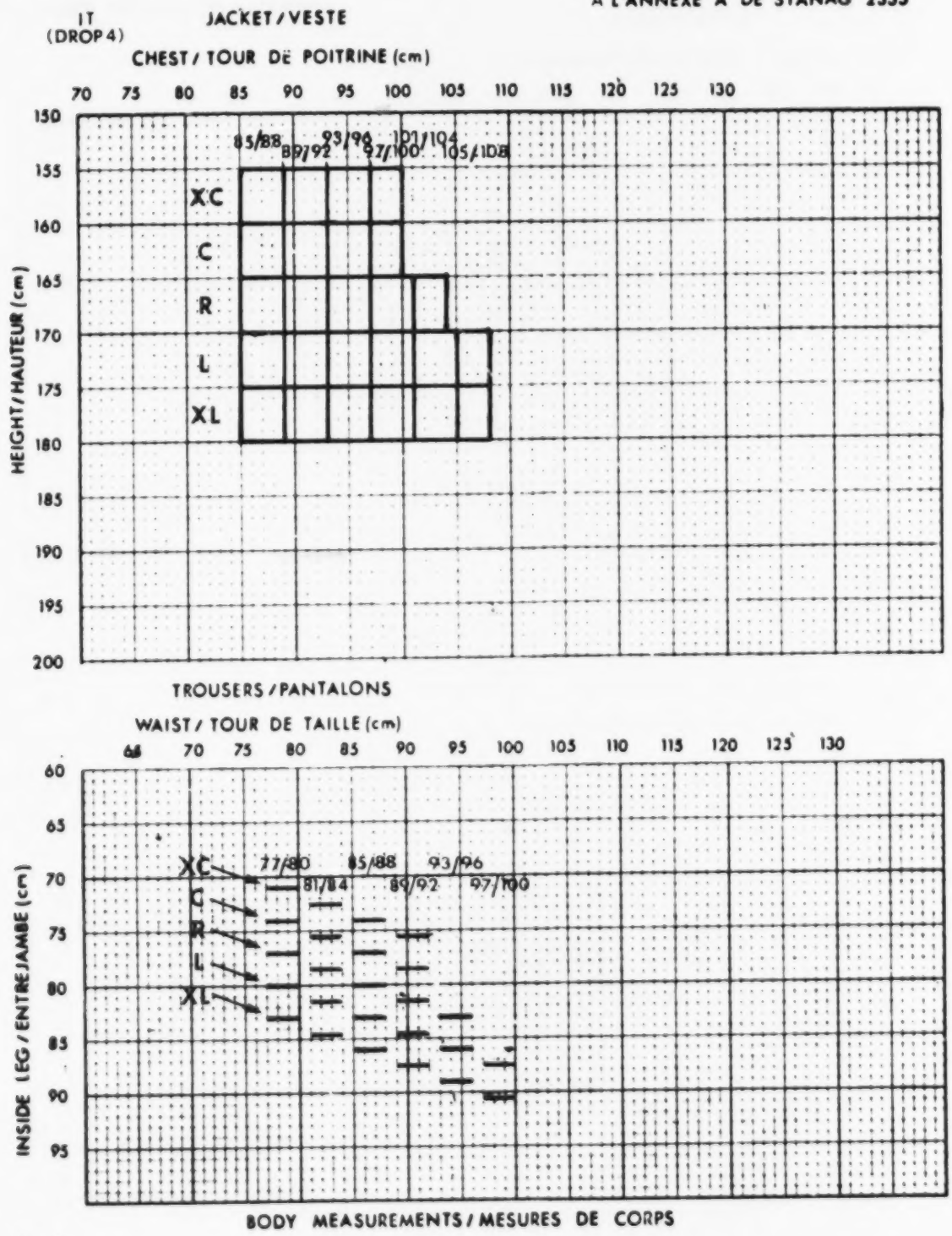
JACKET / VESTE



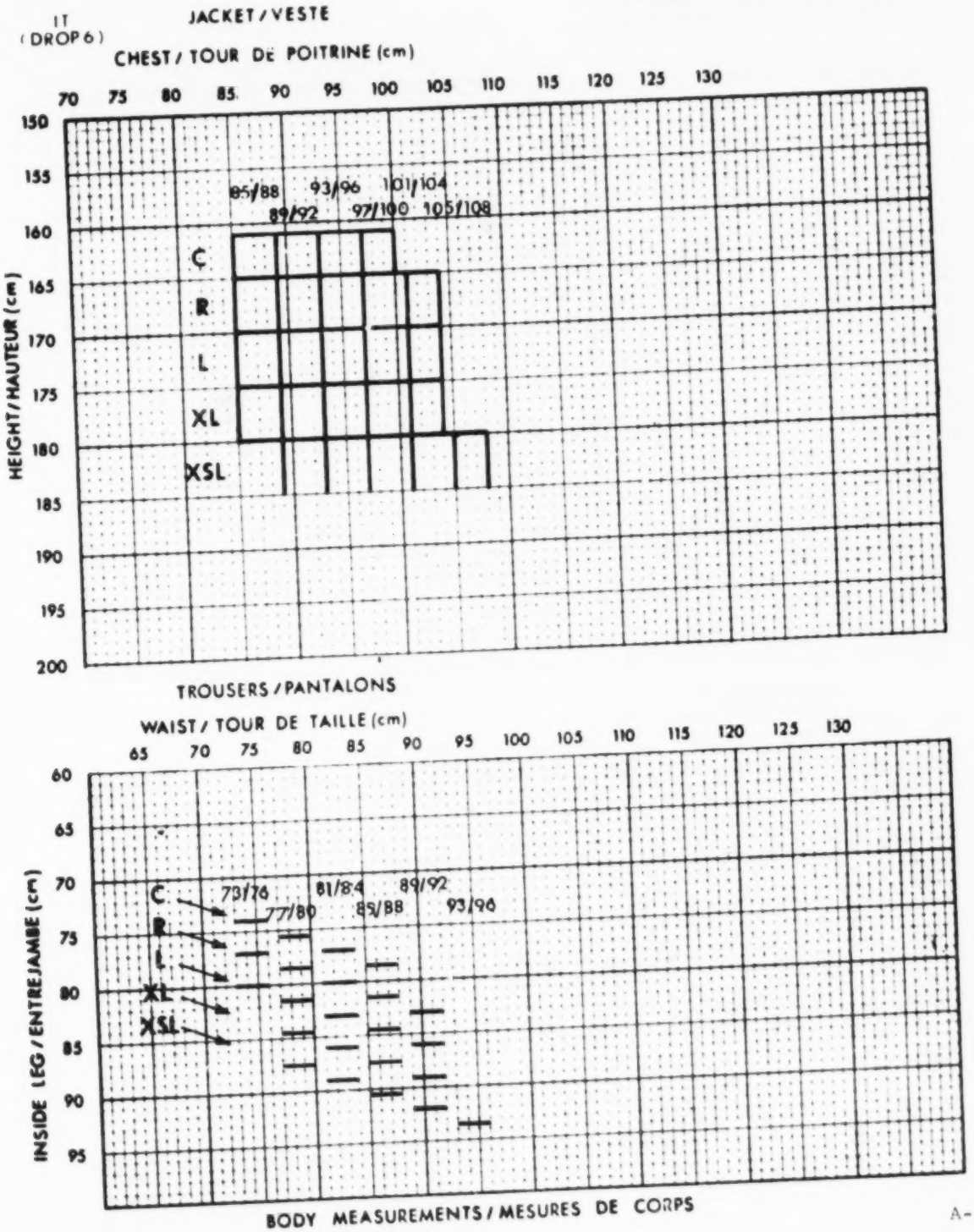
TROUSERS / PANTALONS



BODY MEASUREMENTS / MESURES DE CORPS

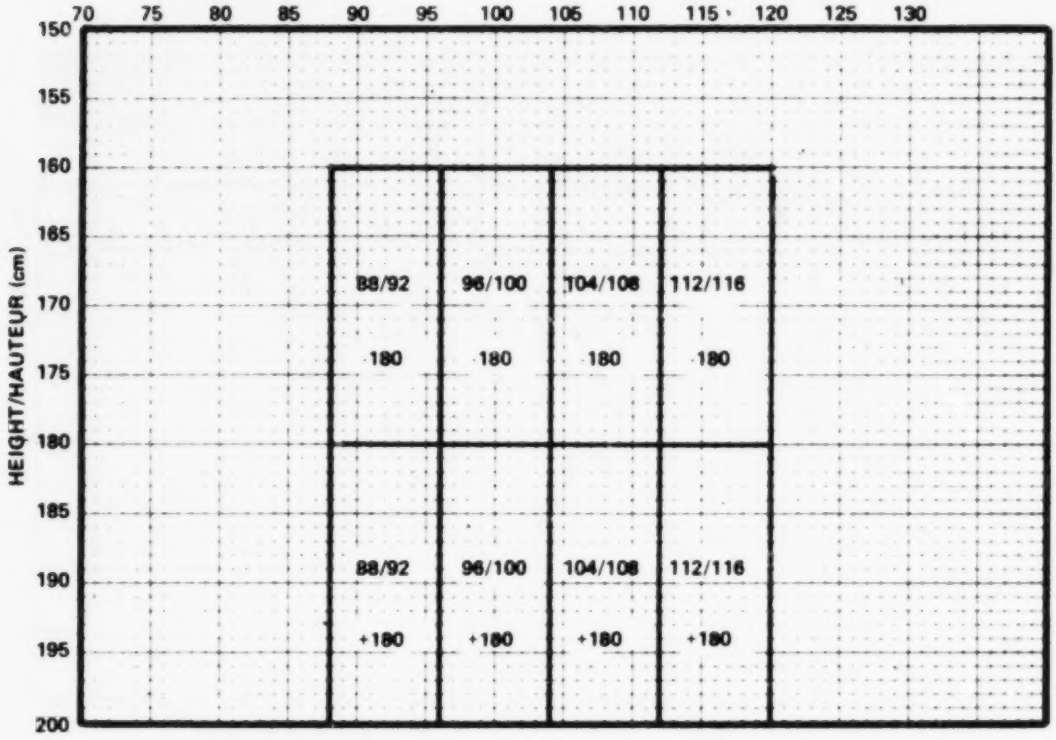

IT
(DROP 4)
JACKET / VESTE
CHEST / TOUR DE POITRINE (cm)
70 75 80 85 90 95 100 105 110 115 120 125 130
150 155 160 165 170 175 180 185 190 195 200
HEIGHT / HAUTEUR (cm)
85/88
89/92
93/96
97/100
101/104
105/108
XC
C
R
L
XL
TROUSERS / PANTALONS
WAIST / TOUR DE TAILLE (cm)
68 70 75 80 85 90 95 100 105 110 115 120 125 130
60 65 70 75 80 85 90 95
INSIDE LEG / ENTREJAMBE (cm)
77/80
81/84
85/88
89/92
93/96
97/100
XC
C
R
L
XL
BODY MEASUREMENTS / MESURES DE CORPS

* ENCLOSURE 6A (AMENDMENT 1)
TO ANNEX A TO STANAG 2335
PIÈCE JOINTE 6A (MODIFICATION 1)
À L'ANNEXE A DE STANAG 2335

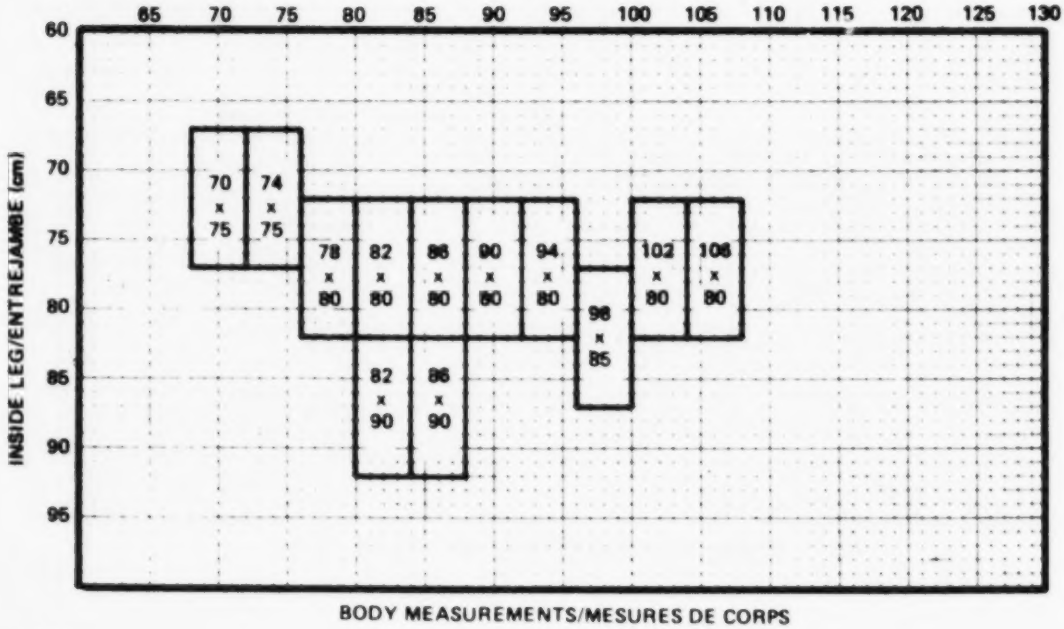


NL

JACKET/VESTE
CHEST/TOUR DE POITRINE (cm)



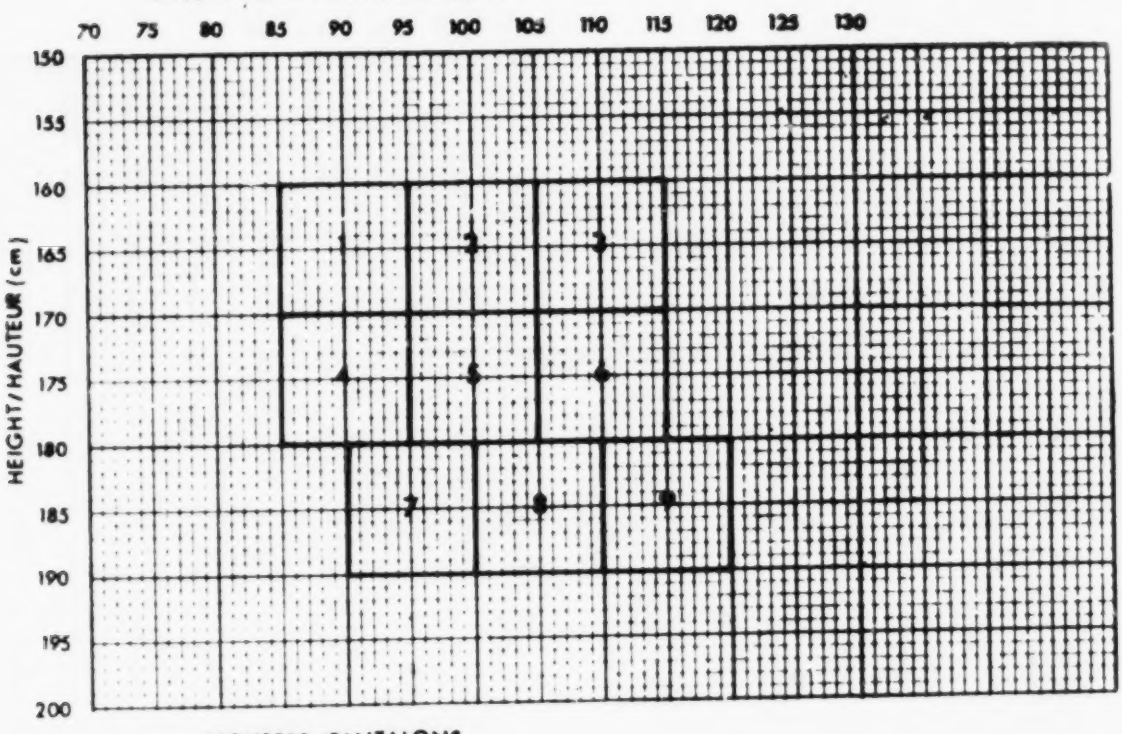
TROUSERS/PANTALONS
WAIST/TOUR DE TAILLE (cm)



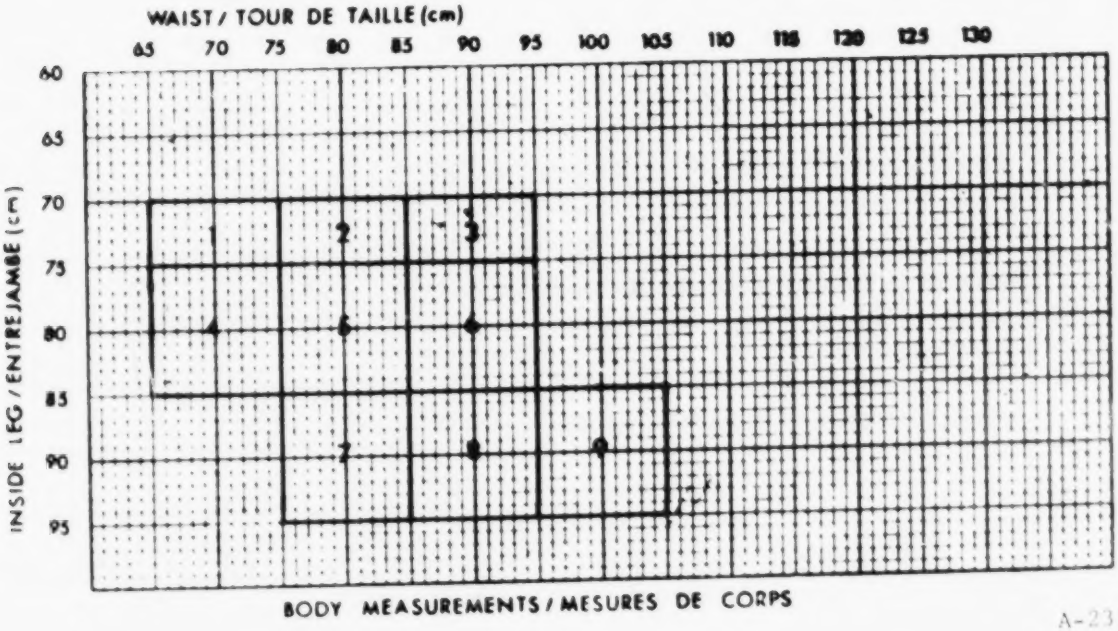
BODY MEASUREMENTS/MESURES DE CORPS

ENCLOSURE 8 TO ANNEX A
TO STANAG 2335
PIÈCE JOINTE 8 A
L'ANNEXE A DE STANAG 2335

UK JACKET / VESTE



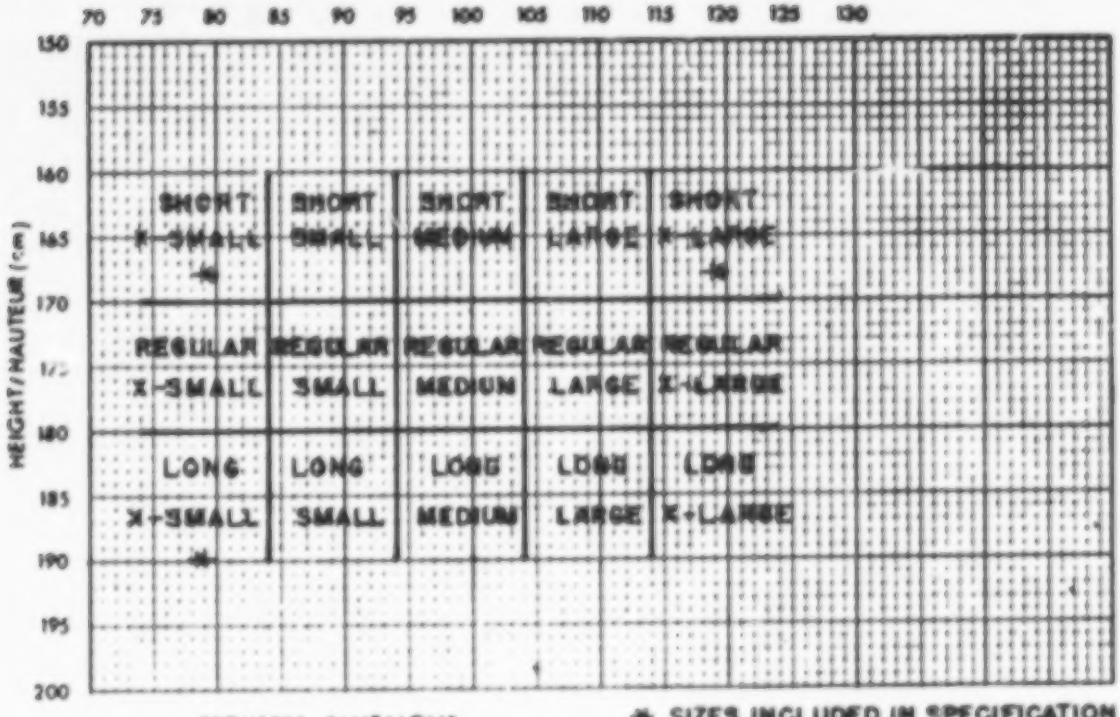
TROUSERS / PANTALONS


WAIST / TOUR DE TAILLE (cm)
65 70 75 80 85 90 95 100 105 110 115 120 125 130
INSIDE LEG / ENTREJAMBE (cm)
60 65 70 75 80 85 90 95
1 2 3 4 5 6 7 8 9
BODY MEASUREMENTS / MESURES DE CORPS

ENCLOSURE 9 TO ANNEX A
TO STANAG 2335
PIÈCE JOINTE 9 À
L'ANNEXE A DE STANAG 2335

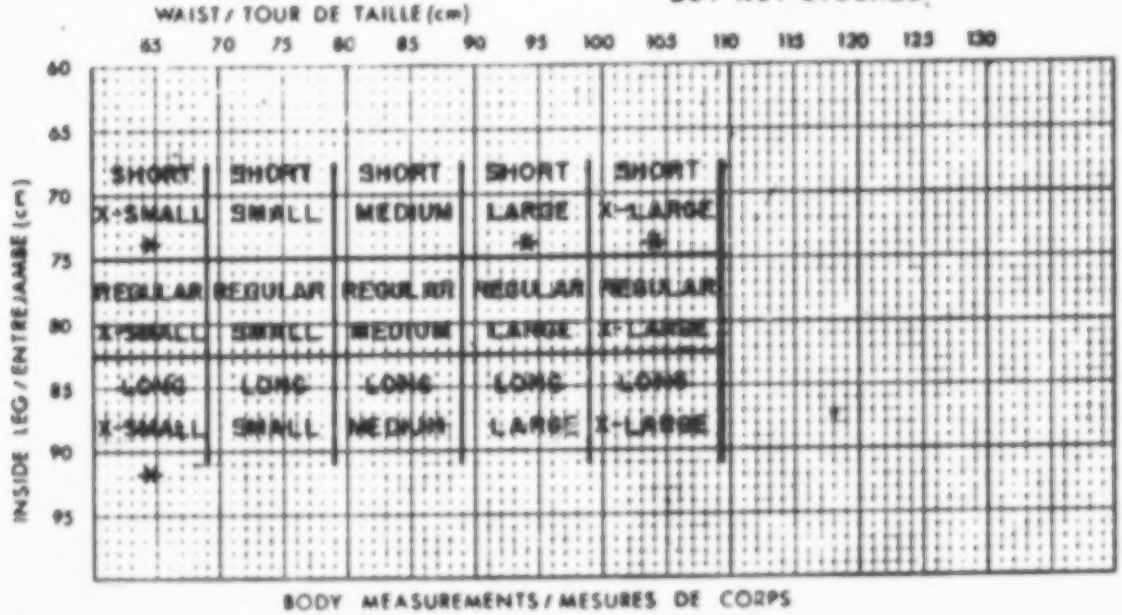
US JACKET / VESTE

CHEST / TOUR DE POITRINE (cm)



TROUSERS / PANTALONS

WAIST / TOUR DE TAILLE (cm)



BODY MEASUREMENTS / MESURES DE CORPS

* SIZES INCLUDED IN SPECIFICATION BUT NOT STOCKED

ENCLOSURE 10 TO ANNEX A
TO STANAG 2335
PIECE JOINTE 9 A
L'ANNEX A DE STANAG 2335

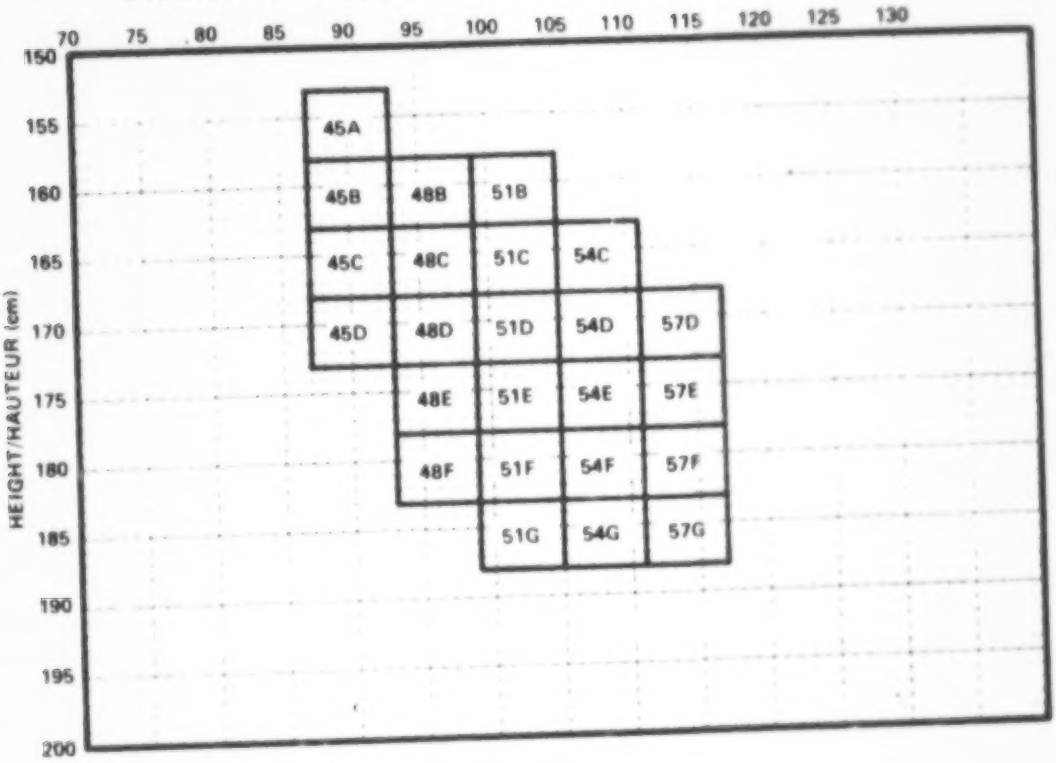
TO BE ADDED

ENCLOSURE 11 TO ANNEX A
TO STANAG 2335
PIECE JOINTE 9 A
L'ANNEXE A DE STANAG 2335

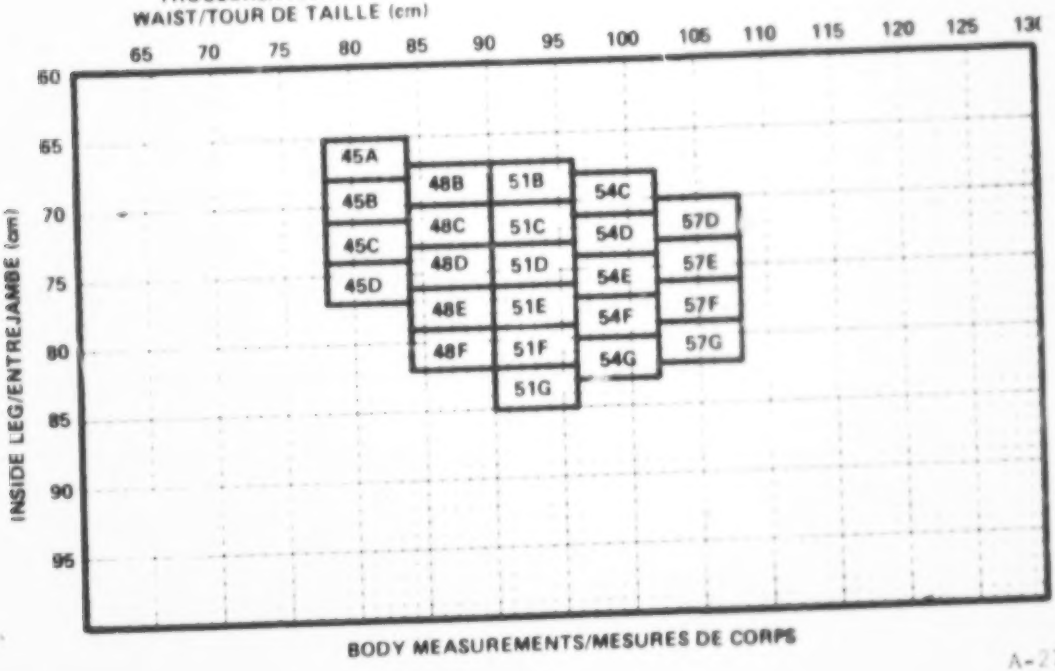
TO BE ADDED

TU

JACKET/VESTE
CHEST/TOUR DE POITRINE (cm)



TROUSERS/PANTALONS
WAIST/TOUR DE TAILLE (cm)



STANAG 2335
(Edition No. 2)

NATIONAL RATIFYING REFERENCES AND DETAILS OF IMPLEMENTATION
REFERENCES DES RATIFICATIONS NATIONALES ET DETAILS SUR LA MISE EN APPLICATION

NATION	NATIONAL RATIFYING REFERENCE DE LA RATIFICATION NATIONALE	IMPLEMENTATION/MISE EN APPLICATION		
		FORECAST DATE PREVUE	ACTUAL DATE REELLE	SERVICES/ ARMEES
BE	CDQ 42-02277 of/du 20.2.70		1.70 1.70 1.70	NAVY/MER ARMY/TERRE AIR
CA	CA/2551-2335(MASA) of/du 24.2.69		4.70 4.70 4.70	NAVY/MER ARMY/TERRE AIR
DA	DN/ARMY/MAS 47/69 of/du 14.2.69		8.69 8.69 8.69	NAVY/MER ARMY/TERRE AIR
FR	No.2032/MIF/EMS of/du 13.6.69		1.70 1.70 1.70	NAVY/MER ARMY/TERRE AIR
GE	FM 3 IV 2-Az 03-51-35 of/du 29.10.69		5.70 5.70 5.70	NAVY/MER ARMY/TERRE AIR
GR	Ref.?.HNR/MAS/ARMY 2-70/851 of/du 6.7.70		4.72 4.72 4.72	NAVY/MER ARMY/TERRE AIR
IT	SMD.,No.141/A/401906/'72206 of/du 25.3.69		7.75 7.75 7.75	NAVY/MER ARMY/TERRE AIR
LU	MAS(BS)97 of/du 26.2.69		1.70	ARMY/TERRE
NL *	MAS 1052/12/EU of/du 4.6.77		1.78 1.78 1.78	NAVY/MER ARMY/TERRE AIR
NO	HQ No A3048/69/B/HST G-4 M/HSG/bil 2T2335 of/du 28.2.69		1.71 1.71 1.71	NAVY/MER ARMY/TERRE AIR
PO	No 1893/RC Po.738/70 of/du 25.4.70		6.71 6.71 6.71	NAVY/MER ARMY/TERRE AIR
TU	Gn.P.P.2307-184.70 AND D.MAS.S. (2335) of/du 27.3.70		3.74 3.74 3.74	NAVY/MER ARMY/TERRE AIR
UK	A/0189/2591 of/du 29.4.69		7.70 7.70 7.70	NAVY/MER ARMY/TERRE AIR
US	DA Ltr file FOR IS of/du 28.4.70		6.70 6.70 6.70	NAVY/MER ARMY/TERR AIR

* See reservation overleaf/
voir réserve au verso

A-28

RESERVATION/RESERVE

NL : In the Royal Netherlands Navy, this STANAG is only applicable to the Royal Netherlands Marine Corps.

Dans la marine royale néerlandaise, ce STANAG ne s'applique qu'au Corps royal d'infanterie de marine des Pays-Bas.

APPENDIX B

REFERENCES

AR 32-4	Special Measurement Clothing and Footwear, Orthopedic Footwear
AR 40-3	Medical, Dental, and Veterinary Care
AR 670-1	Wear and Appearance of Army Uniforms and Insignia
AR 700-84	Issue and Sale of Personal Clothing
FM 10-267	General Repair for Clothing and Textiles
FM 21-11	First Aid for Soldiers
FM 21-15	Care and Use of Individual Clothing and Equipment
FM 21-18	Foot Marches
SB 10-523	Size Tariff for Clothing, Equipage, and Footwear
CTA 50-900	Clothing and Individual Equipment

APPENDIX C

Short NSN and Nomenclature Listing

The following table lists NSN's (smallest and largest sizes) and nomenclatures. Items are listed alphabetically in three categories: Men's Clothing, Women's Clothing and Footwear.

MEN'S CLOTHING

NOMENCLATURE	*NSN*
Cap, Combat, Battledress, Temperate	8415-01-084-1683/1688
Cap, Garrison, Army Green 344	8405-00-985-7384/7396
Cap, Hot Weather, Olive Green 507	8415-01-072-8716/8728
Cap, Service	8405-00-965-2088/2100
Coat, All Weather, Black	8405-01-059-4225/4266
Coat, Army Green 44	8405-00-286-5130/8405-00-530-3776
Coat, Army Green 344	8405-00-965-1592/1653
Coat, Temperate, Camouflage, Battledress	8415-01-084-1639/1656
Overcoat, Army Green 44	8405-00-782/2891/8405-00-905-0691
Raincoat, Army Green 274	8405-00-965-2145/2171
Shirt, Army Green 415, Long Sleeve	8405-01-077-5012/5066
Shirt, Army Green 415, Short Sleeve	8405-01-077-2955/2963
Shirt, Army Tan 445	8405-00-143-1039/8405-00-470-4740
Shirt, Olive Green 507	8405-00-614-9938/8405-01-075-1236
Trousers, Army Green 44	8405-00-286-5065/8405-00-945-9341
Trousers, Army Green 344	8405-00-067-4641/8405-00-451-1255
Trousers, Army Tan 445	8405-00-141-0891/8405-00-480-5830
Trousers, Olive Green 507	8405-00-082-6609/8405-01-075-1234
Trousers, Temperate, Battledress	8415-01-084-1016/1718

WOMEN'S CLOTHING

NOMENCLATURE	*NSN*
Beret, Army Shade 398	8410-00-339-1541/8410-00-965-4455
Cap, Combat, Battledress Temperate	8415-01-084-1683/1688
Coat, All Weather, Black 385	8410-01-055-6168/6196
Coat, Army Green 44	8410-00-656-1550/8410-00-682-6508
Coat, Army Green 344	8410-00-782-3158/8410-00-965-4470
Coat, Temperate, Camouflage, Battledress	8415-01-084-1639/1656
Jacket, Army Green 344	8410-01-019-7436/8410-01-026-0092
Jacket, Long Sleeve, Army Green 388	8410-01-021-5393/5430
Jacket, Short Sleeve, Army Green 388	8410-01-021-4018/4044
Overcoat, Army Green 44	8410-00-926-6664/6689
Raincoat, Army Green 274	8410-00-782-2783/2802
Shirt, Army Green 415, Long Sleeve	8410-01-104-7947
Shirt, Army Green 415, Short Sleeve	8410-01-104-6490/6518
Shirt, Utility 507	8410-01-014-2415/8410-00-782-3304
Shirt, White	8410-00-107-8228/8257
Skirt, Army Green 44	8410-00-656-1507/656-1549
Skirt, Army Green 344	8410-00-782-3155/965-4447
Skirt, Army Green 388	8410-01-021-5945/8410-01-022-3283

WOMEN'S CLOTHING (Continued)

NOMENCLATURE	*NSN*
Slacks, Army Green 344	8410–01–019–7628/8410–01–026–0195
Slacks, Utility 507	8410–00–782–3307/3313
Trousers, Temperate, Battledress	8415–01–084–1016/1718
Tunic, Army Shade 413	8410–01–020–0097/0123

FOOTWEAR

NOMENCLATURE	*NSN*
Boots Combat, Leather, Black	8430–01–030–2147/8430–00–782–3131
Boots Hot Weather, Men's, Leather, Cotton-Nylon Duck	8430–00–141–0777/8430–00–186–7106
Boots Firemen's, Rubber, Black, 29" High	8430–00–082–5492/8430–00–753–6105
Boots Hip, Men's, Rubber, Black, Waterproof, Nonskid	8430–00–241–2775/2783
Boots Cold Weather, Men's, Rubber, Black, Insulated	8430–00–823–7024/7075
Boots Extreme Cold Weather, Men's, Rubber, White, Insulated	8430–00–823–6902/6922
Boots Knee, Men's, Rubber, Black	8430–00–262–8252/8278
Boots Ski-mountain, Men's, High, Blucher, Leather, Black	8430–00–458–0135/0392
Overshoes, Boots Combat, High, Vinyl Plastisol, Olive Green	8430–01–048–6350/8430–01–049–0887
Overshoes, Women's, Gray, High, Vinyl Plastisol, Low Oxford Heel	8435–00–823–7165/7173
Shoes Gymnasium, Men's/Women's, Low, White, Cotton Duck	8430–00–257–3732/3838
Shoes Nonsparking, Leather, Black	8430–00–926–6052/9937
Shoes, Men's, Dress Oxford, Leather, Black	8430–00–559–4228/4143
Shoes, Women's, Dress Oxford, Leather, Black	8435–00–577–5602/8435–00–985–7350
Socks, Men's, Black, Cotton-nylon, Stretch Type	8440–01–067–2867/2868
Socks, Men's, OG 408, Wool-nylon-cotton, Stretch Type	8440–00–960–2505/2507

By Order of the Secretary of the Army:

E. C. MEYER
General, United States Army
Chief of Staff

Official:
ROBERT M. JOYCE
Brigadier General, United States Army
The Adjutant General

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